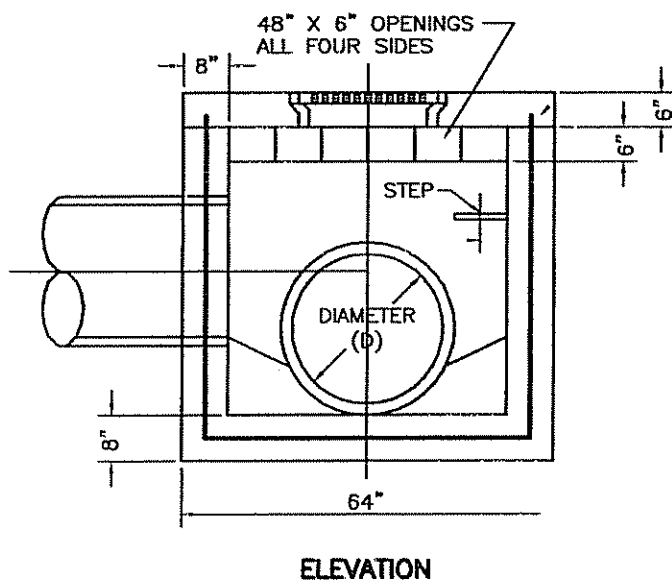
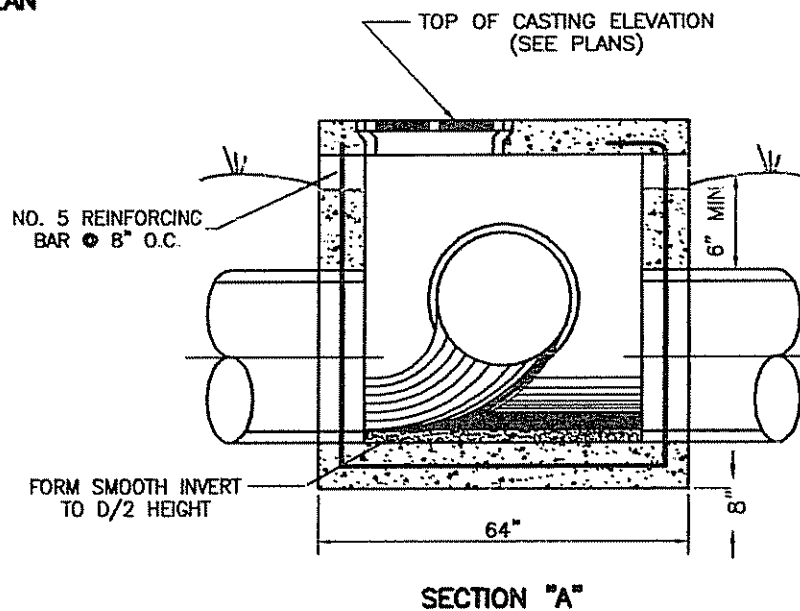
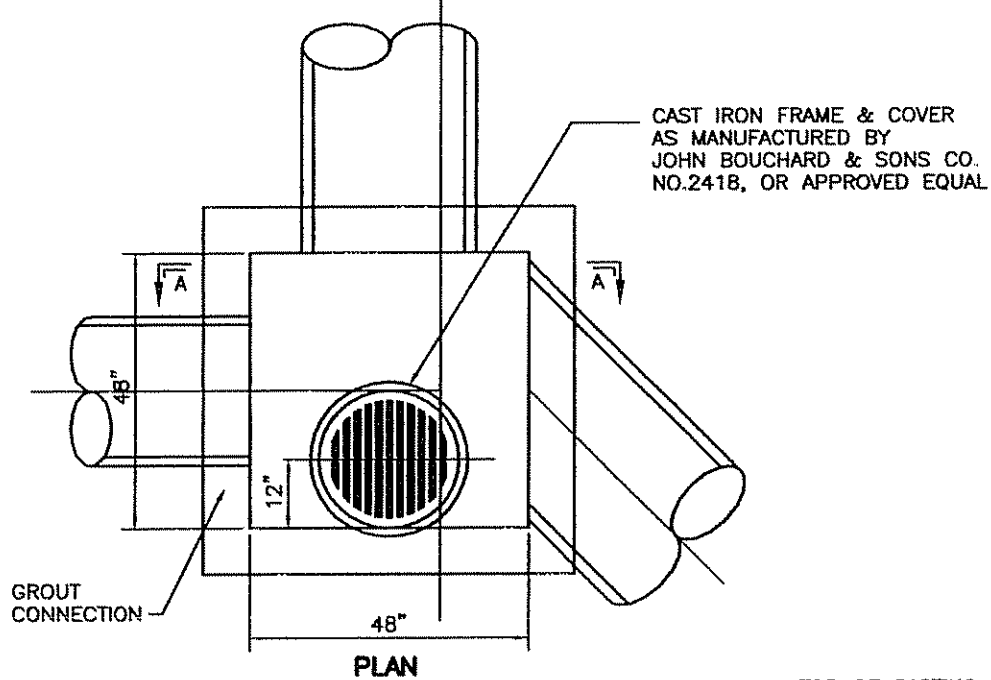


# INDEX OF DETAILS

## MT. JULIET PUBLIC WORKS DEPT.

(January 9, 2004)

DETAIL	DESCRIPTION
B-5	AREA DRAIN
DR-105	SINGLE INLET (PRECAST)
DR-110	DOUBLE INLET (PRECAST)
DR-115	TRIPLE INLET (PRECAST)
DR-132	FRAME AND GRATE FOR FLUSH MOUNTED INLET
DR-133	SQUARE MANHOLE FRAME
DR-134	ROUND MANHOLE FRAME
DR-135	ROUND MANHOLE FRAME (RECESSED TYPE)
DR-150	STRAIGHT ENDWALL FOR CIRCULAR PIPE
DR-151	STRAIGHT ENDWALL FOR ARCH PIPE
DR-152	CONCRETE HEADWALL WITH WINGS
DR-160	CONCRETE LINED DITCH
DR-161	TYPICAL STABILIZED DITCH SECTION
ST-101A	LOW & MEDIUM DENSITY URBAN RESIDENTIAL ACCESS LANE
ST-101B	LOW & MEDIUM DENSITY URBAN RESIDENTIAL ACCESS STREET
ST-102	HIGH DENSITY URBAN RESIDENTIAL ACCESS LANE
ST-105	HIGH DENSITY URBAN ACCESS STREET
ST-106	LOW & MEDIUM DENSITY URBAN RESIDENTIAL COLLECTOR STREET
ST-108	HIGH DENSITY URBAN RESIDENTIAL COLLECTOR OR LOW & MEDIUM DENSITY URBAN COMMUNITY COLLECTOR
ST-109	HIGH DENSITY URBAN COMMUNITY COLLECTOR STREET
ST-111	NON-RESIDENTIAL ACCESS STREET
ST-112	NON-RESIDENTIAL COMMUNITY COLLECTOR
ST-121	CUL-DE-SAC DETAILS
ST-200	STANDARD CURB WITH GUTTER
ST-201	CONCRETE POST CURB
ST-202	MOUNTABLE CURB WITH GUTTER
ST-203	HIGH PROFILE EXTRUDED CURB
ST-204	CONCRETE SIDEWALK AND HAUNCHED CURB
ST-210	STANDARD CONCRETE SIDEWALK
ST-211	STANDARD CURB RAMP NOTES
ST-212	HAUNCHED CURB AND CONCRETE SIDEWALK (RES)
ST-213	EXPANSION JOINT & CONTROL JOINT
ST-270	TRENCH REPAIR WITHIN ROADWAY
ST-271	TRENCH REPAIR OUTSIDE ROADWAY
ST-304	PARALLEL CURB RAMP
ST-305	PARALLEL CURB RAMP WITH A DROP LANDING - 2' GRASS STRIP
ST-306	CURB RAMPS AT MARKED CROSSINGS
ST-307	FRAME AND GRATE FOR VERTICAL CURB & GUTTER
ST-313	RESIDENTIAL CONCRETE DRIVEWAY RAMP
ST-314	COMMERCIAL CONCRETE DRIVEWAY RAMP



NOTE:

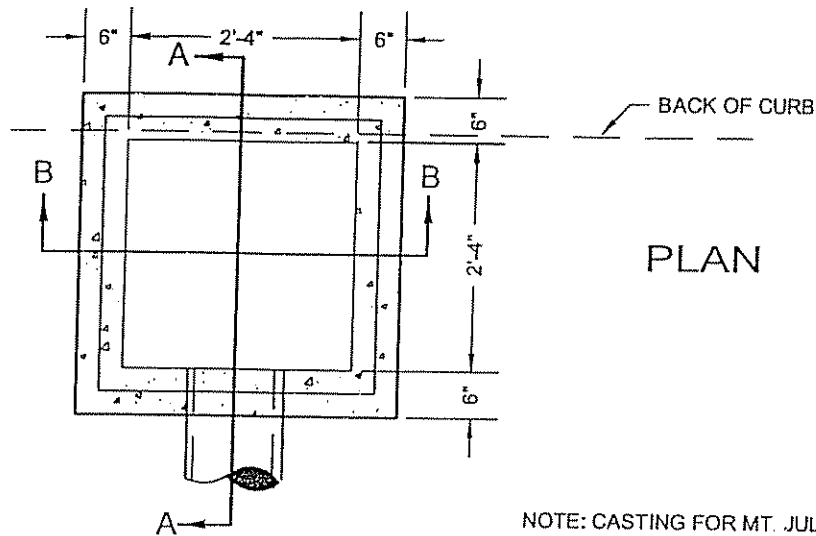
1. WHEN DEPTH EXCEEDS 4' INCREASE MIN. WIDTH TO 4'-0".
2. WHEN DEPTH IS 4' OR LESS, BRICK MAY BE USED IN LIEU OF CONCRETE SIDE WALLS.
3. USE LADDER BARS (DWG. E-103) FOR DEPTH EXCEEDING 4'.

AREA DRAIN

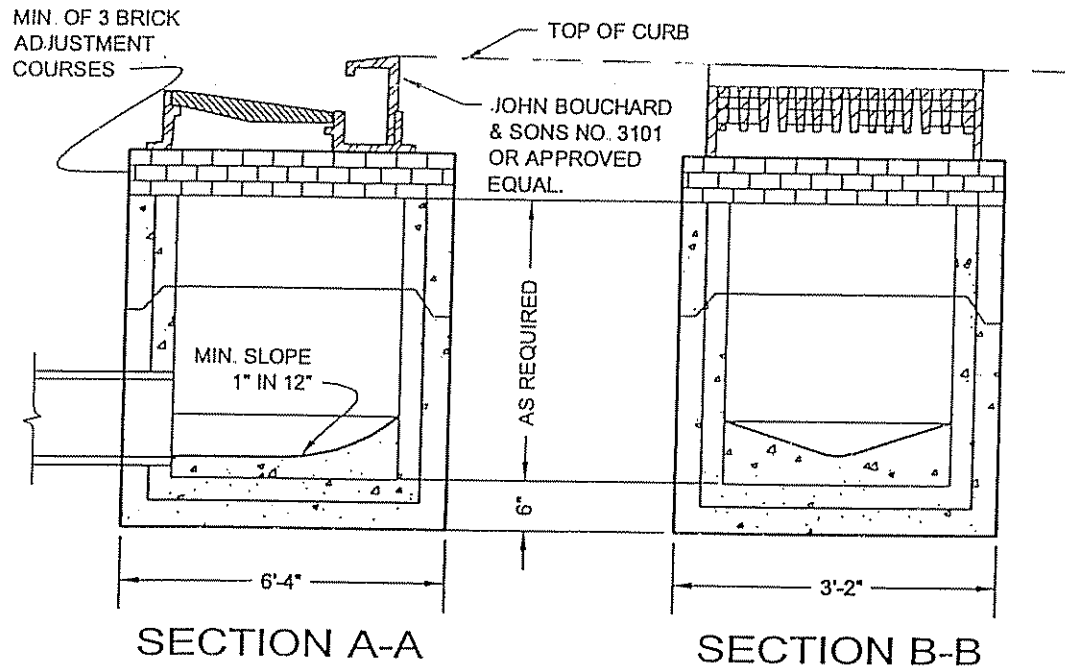
DETAIL NO.: B-5

SCALE: NONE

CITY OF MT. JULIET  
PUBLIC WORKS DEPARTMENT



NOTE: CASTING FOR MT. JULIET  
STANDARD CURB AND GUTTER  
SECTION ST-200 FOR NON-RESIDENTIAL  
STREETS



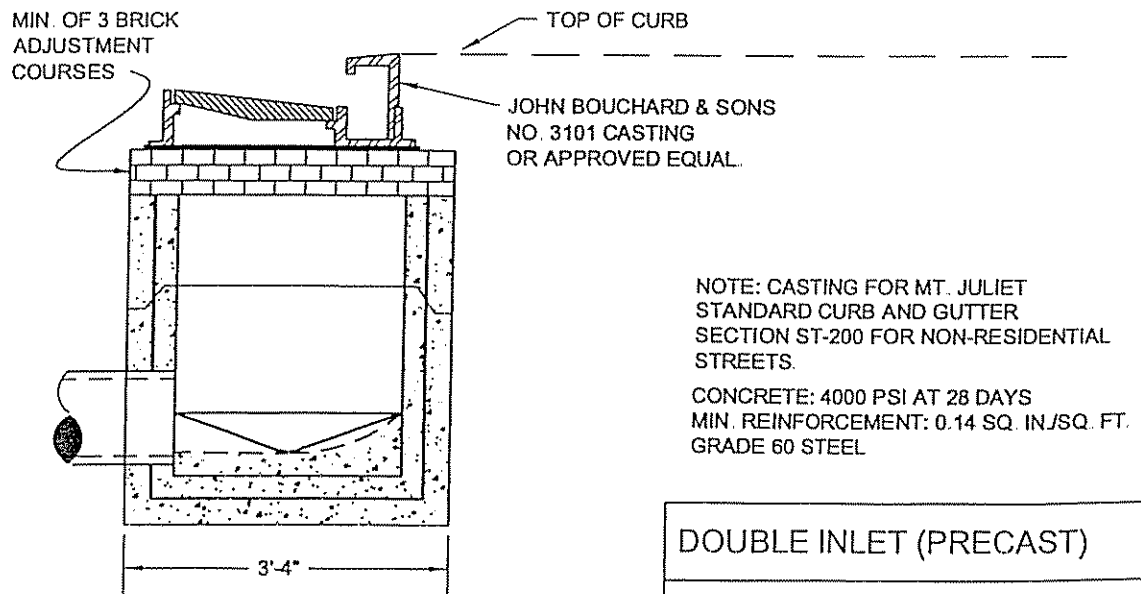
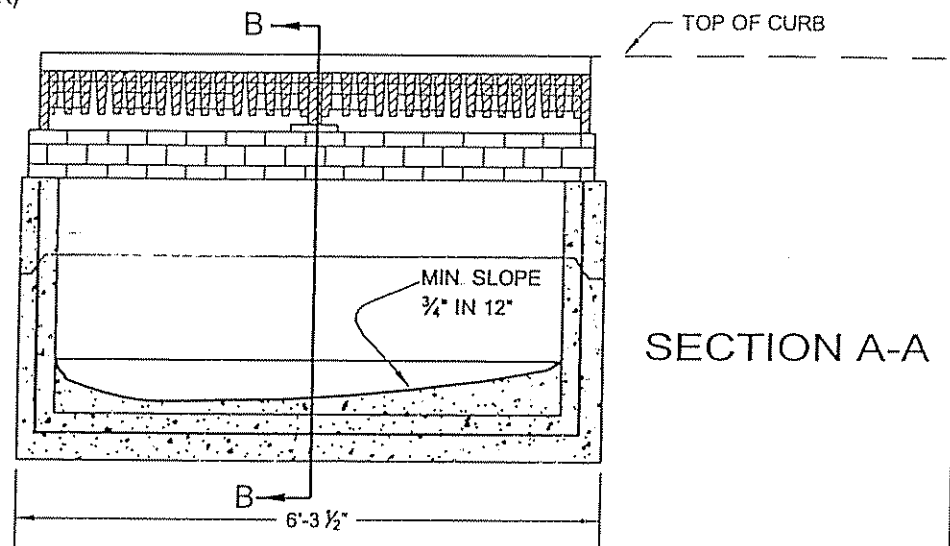
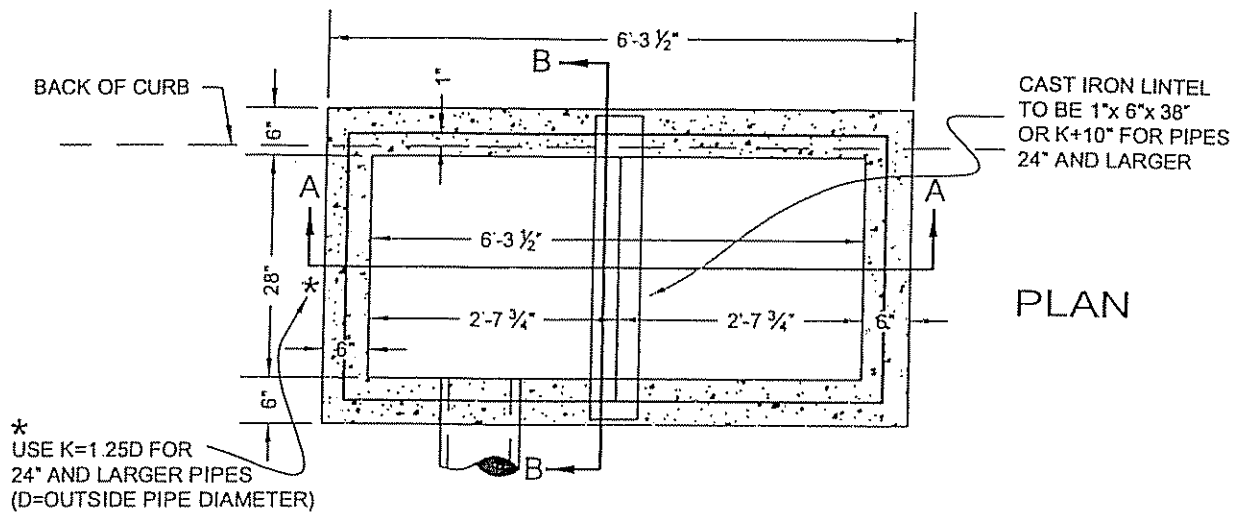
CONCRETE: 4000 PSI AT 28 DAYS  
MIN. REINFORCEMENT: 0.14 SQ. IN./SQ. FT.  
GRADE 60 STEEL

SINGLE INLET (PRECAST)

DETAIL NO.: DR-105

SCALE: NONE

CITY OF MT. JULIET  
PUBLIC WORKS DEPARTMENT

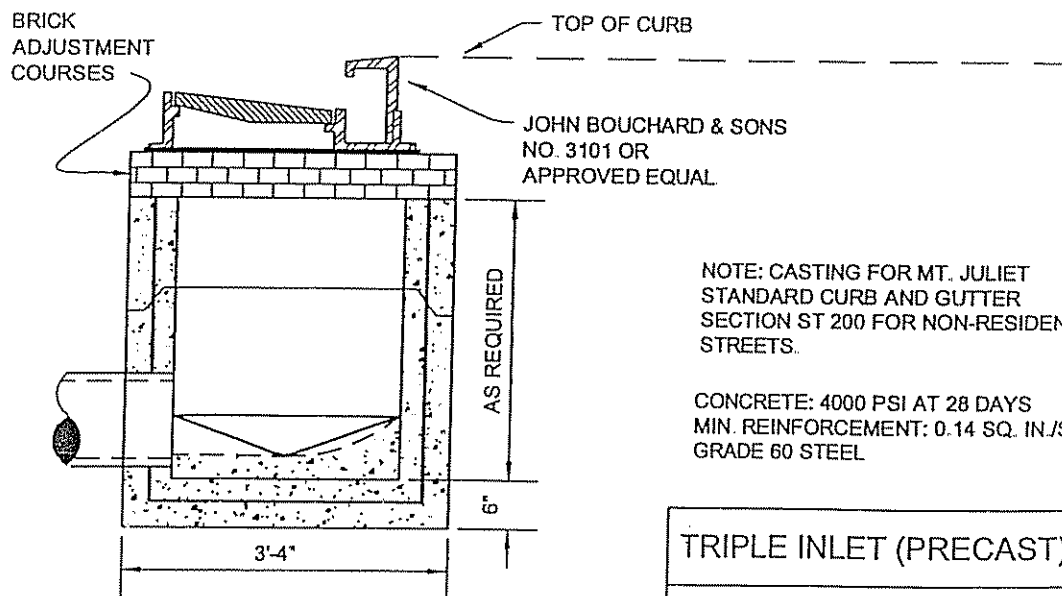
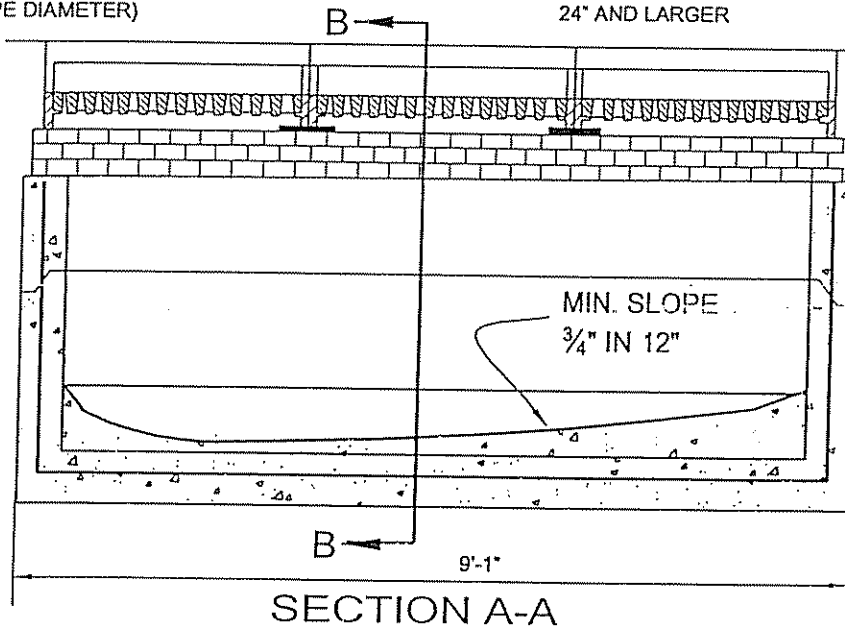
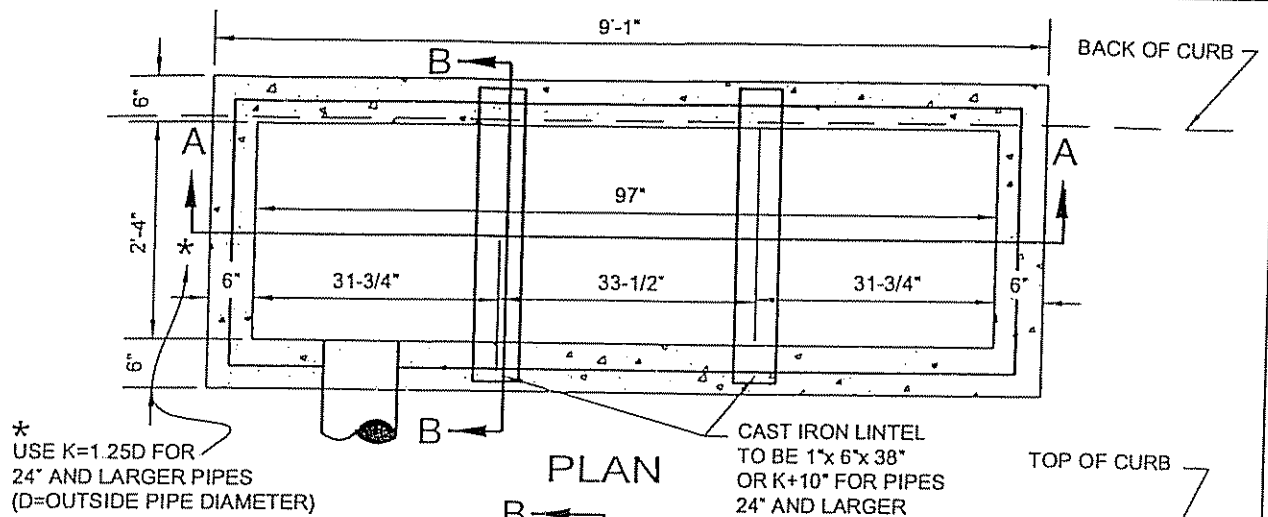


DOUBLE INLET (PRECAST)

DETAIL NO.: DR-110

SCALE: NONE

CITY OF MT. JULIET  
PUBLIC WORKS DEPARTMENT



NOTE: CASTING FOR MT. JULIET  
STANDARD CURB AND GUTTER  
SECTION ST 200 FOR NON-RESIDENTIAL  
STREETS.

CONCRETE: 4000 PSI AT 28 DAYS  
MIN. REINFORCEMENT: 0.14 SQ. IN./SQ. FT.  
GRADE 60 STEEL

TRIPLE INLET (PRECAST)

DETAIL NO.: DR-115

SCALE: NONE

CITY OF MT. JULIET  
PUBLIC WORKS DEPARTMENT

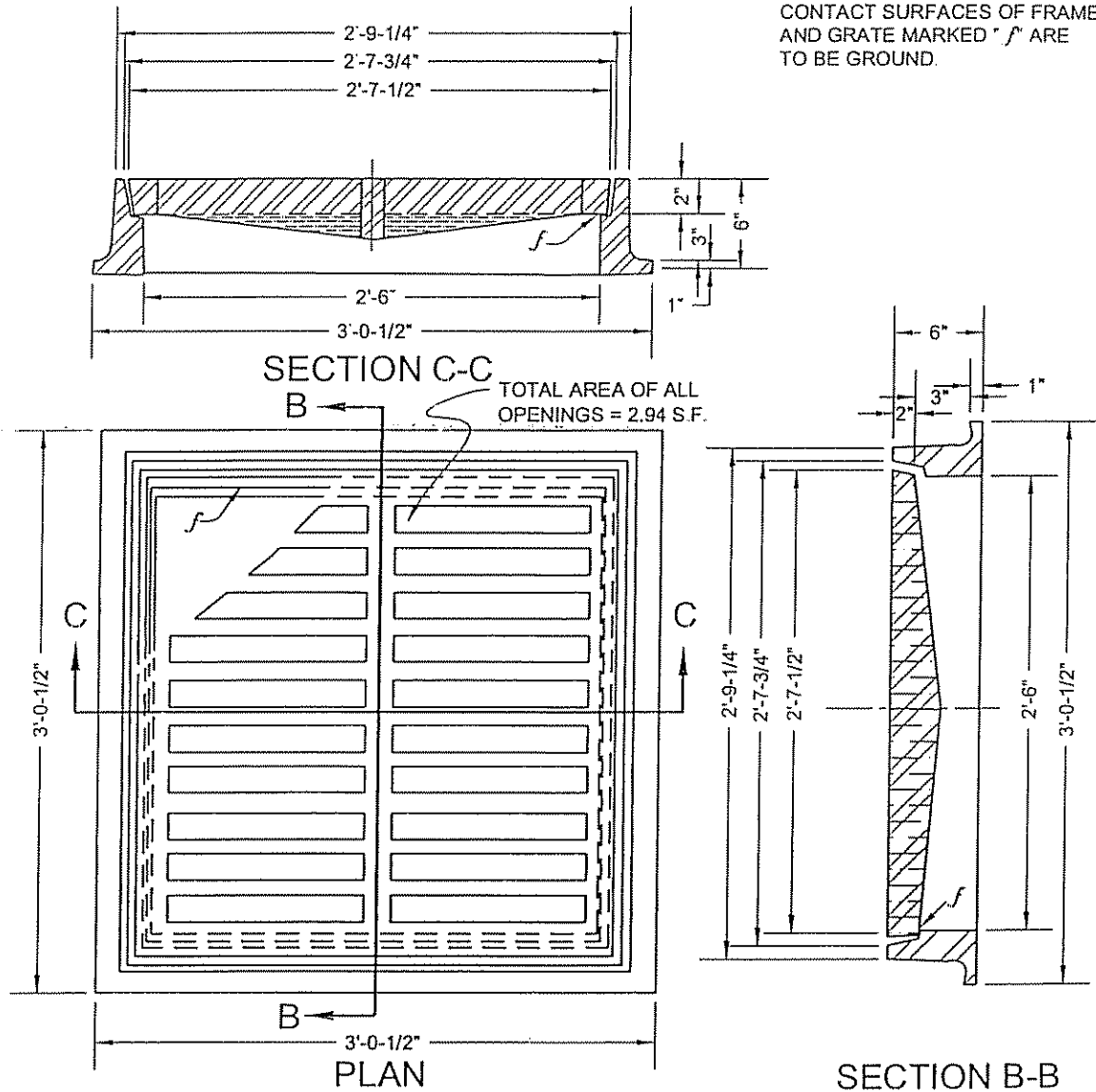
NOTES:

OMIT BASE FLANGE ON ONE SIDE OF FRAME FOR DOUBLE INSTALLATIONS AND END FRAMES OF OTHER MULTIPLE INSTALLATIONS. OMIT ON TWO (2) SIDES (OPPOSITE) FOR CENTER UNITS OF MULTIPLE INSTALLATIONS. FOR INSTALLATION WITH CURB INLET TYPE " " OMIT BASE ON ONE SIDE OF SINGLE, TWO ADJACENT SIDES OF DOUBLE, AND THREE SIDES OF CENTER UNITS OF OTHER MULTIPLE INSTALLATIONS

CASTINGS TO BE CLEANED AND PAINTED WITH BITUMINOUS COATING AFTER MACHINING

NOTE:

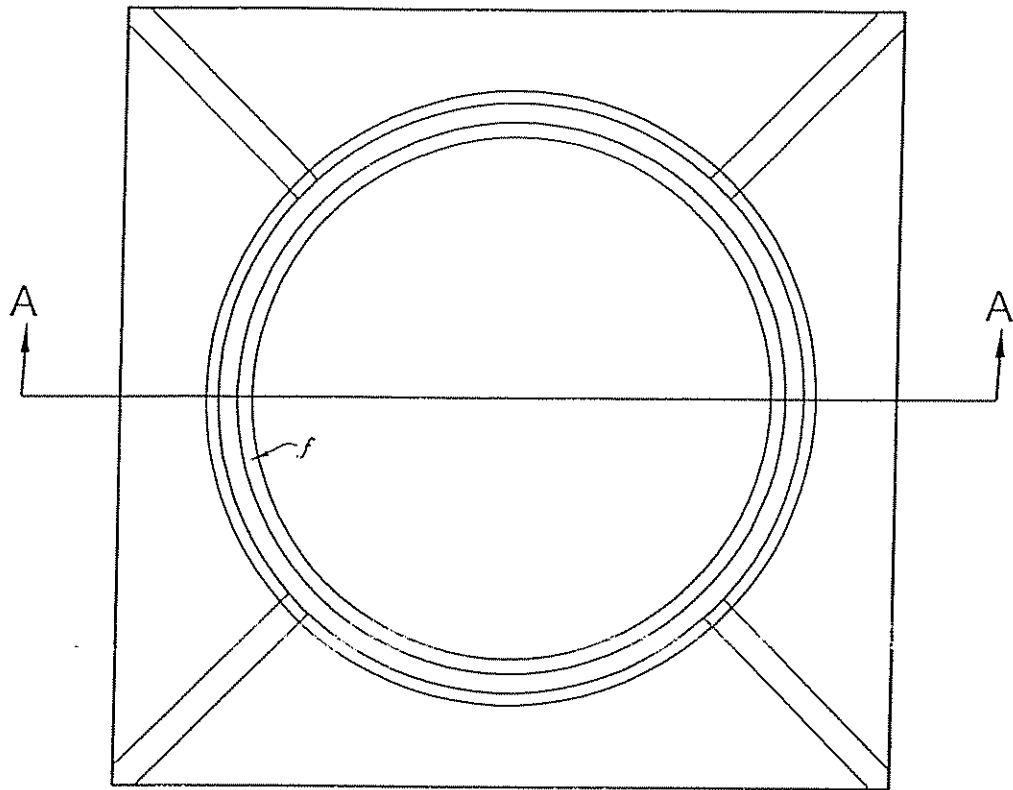
CONTACT SURFACES OF FRAME AND GRATE MARKED "f" ARE TO BE GROUND.



FRAME AND GRATE FOR  
FLUSH MOUNTED INLET

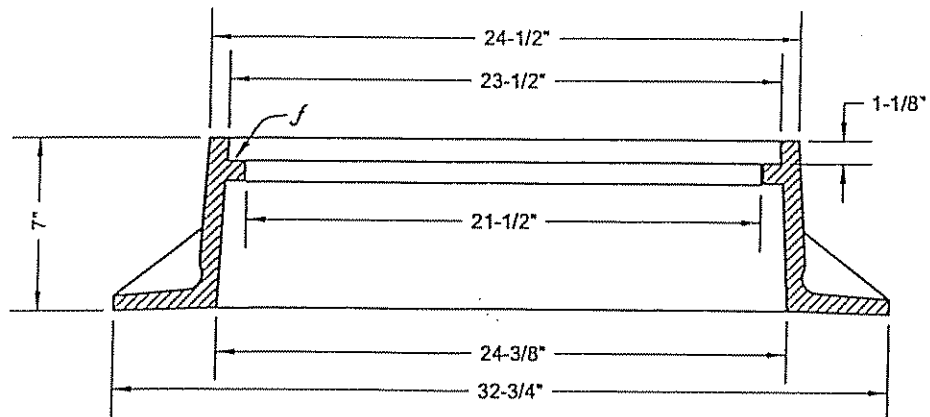
DETAIL NO.: DR-132  
SCALE: NONE

CITY OF MT. JULIET  
PUBLIC WORKS DEPARTMENT



NOTE: CONTACT SURFACE OF FRAME MARKED "f"  
IS TO BE MACHINED.

CASTINGS TO BE CLEANED AND  
PAINTED WITH BITUMINOUS COATING

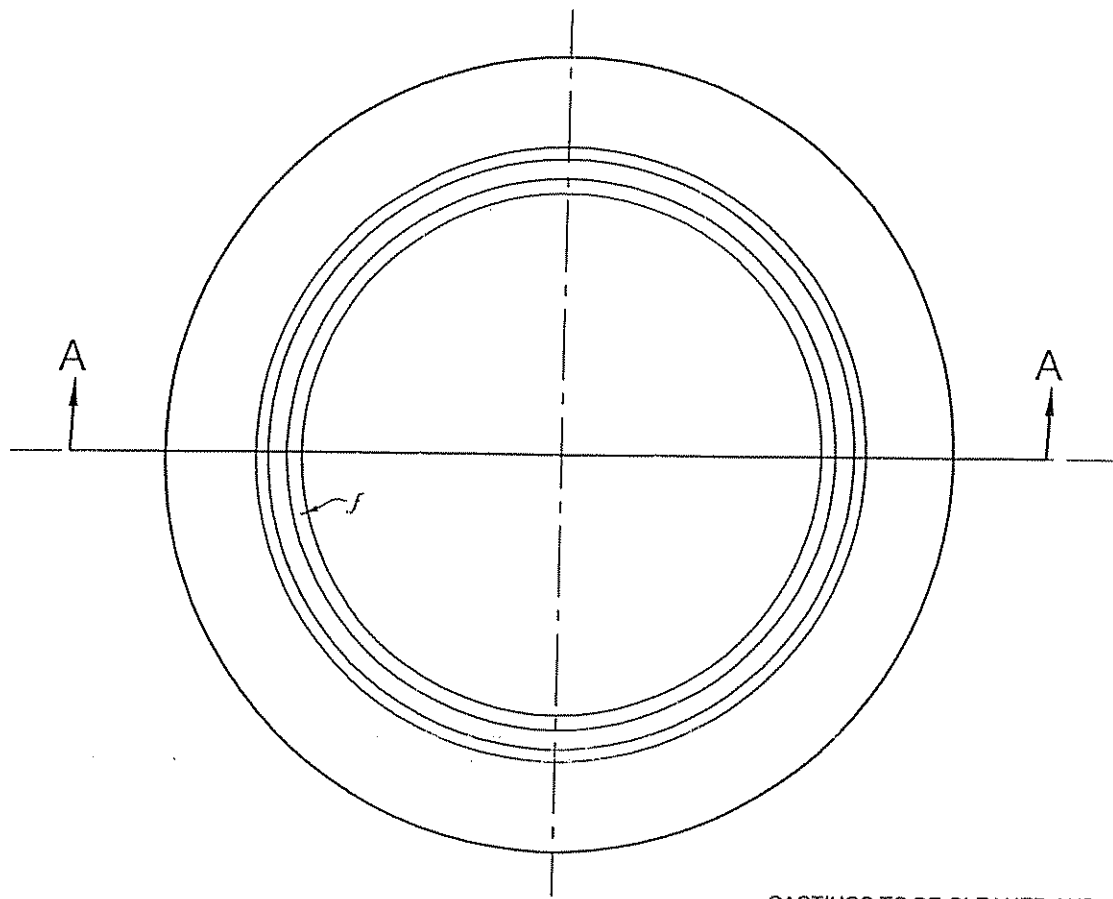


SQUARE MANHOLE FRAME

DETAIL NO.: DR-133

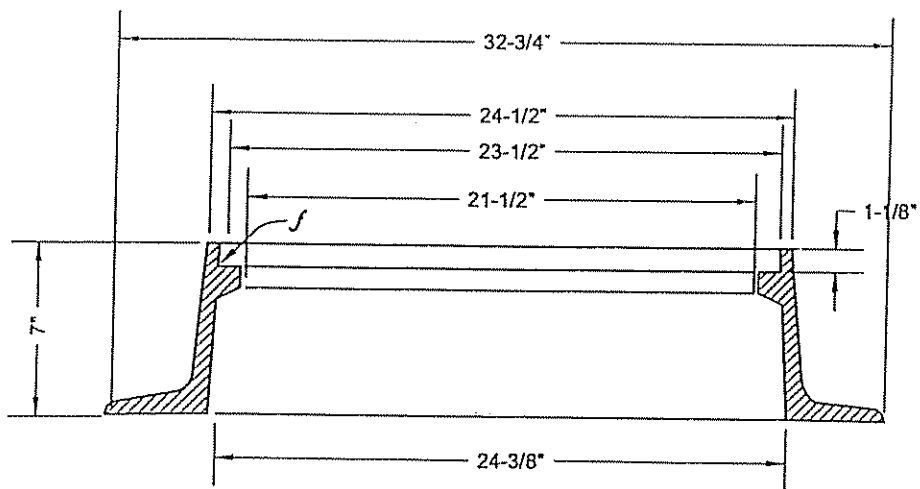
SCALE: NONE

CITY OF MT. JULIET  
PUBLIC WORKS DEPARTMENT



NOTE: CONTACT SURFACE OF FRAME MARKED "f" IS TO BE MACHINED.

CASTINGS TO BE CLEANED AND PAINTED WITH BITUMINOUS COATING



SECTION A-A

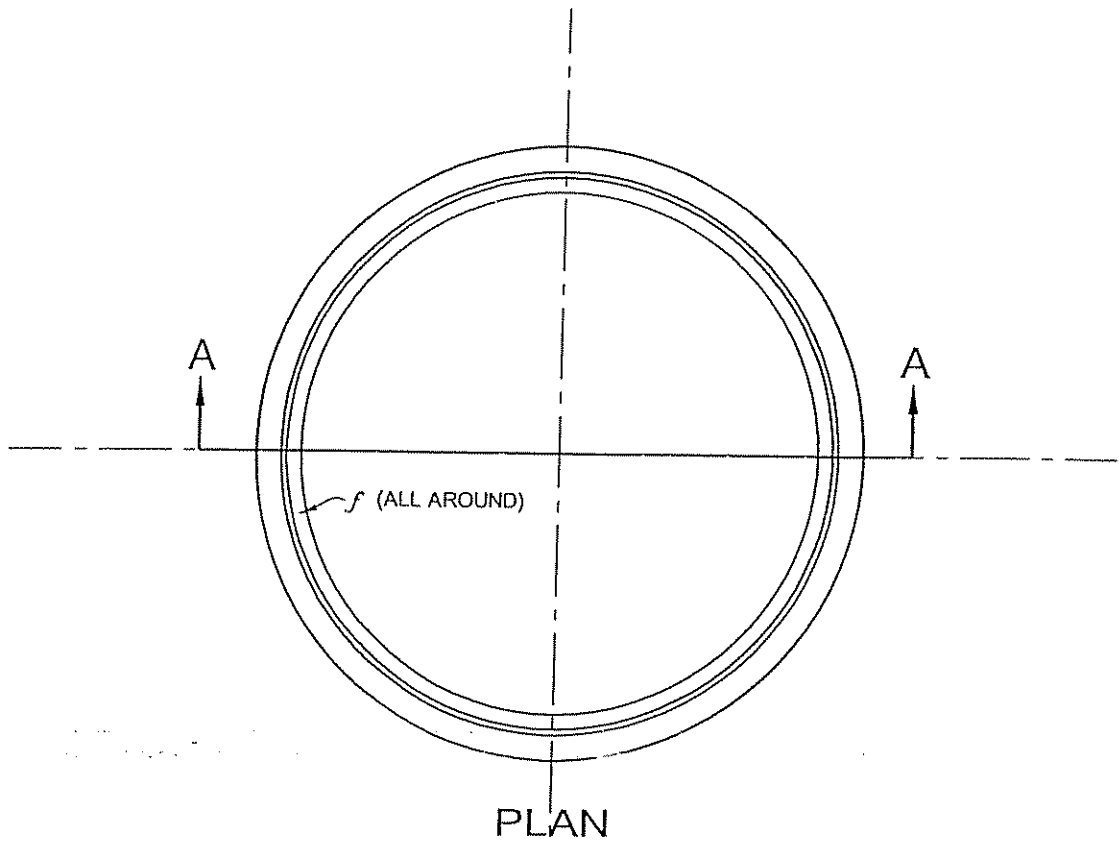
ROUND MANHOLE FRAME

DETAIL NO.: DR-134

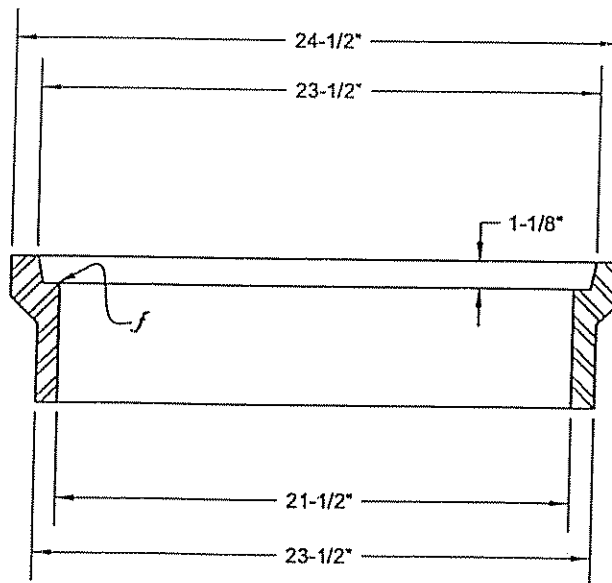
SCALE: NONE

CITY OF MT. JULIET  
PUBLIC WORKS DEPARTMENT





NOTE: CONTACT SURFACE OF FRAME MARKED "f" IS TO BE MACHINED.



SECTION A-A

CASTINGS TO BE CLEANED AND  
PAINTED WITH BITUMINOUS COATING.

ROUND MANHOLE FRAME  
(RECESSED TYPE)

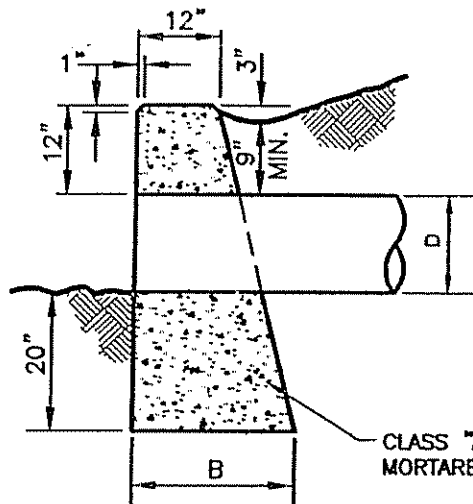
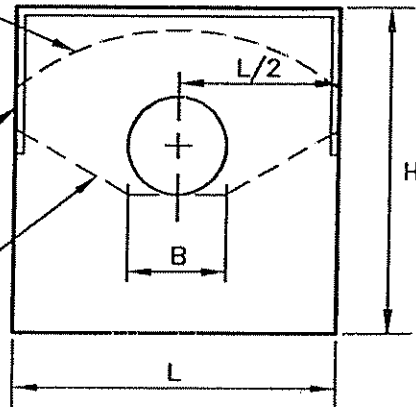
DETAIL NO.: DR-135  
SCALE: NONE

CITY OF MT. JULIET  
PUBLIC WORKS DEPARTMENT

EARTH  
BEYOND

ALL EXPOSED  
EDGES TO BE  
CHAMFERED  
ONE INCH

SLOPE SIDES  
OF DITCH AS  
SHOWN ON  
PLAN

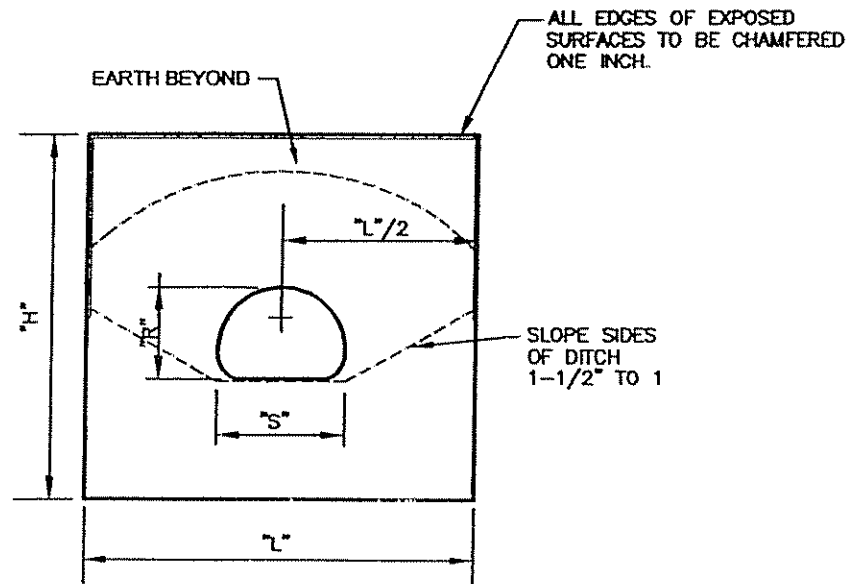


D	H	B	L
12"	3'-8"	1'-11"	4'-0"
15"	3'-11"	1'-11 1/4"	5'-0"
18"	4'-2"	2'-0 1/2"	6'-0"
21"	4'-5"	2'-1 1/4"	7'-0"
24"	4'-8"	2'-2"	8'-0"
30"	5'-2"	2'-3 1/2"	9'-0"

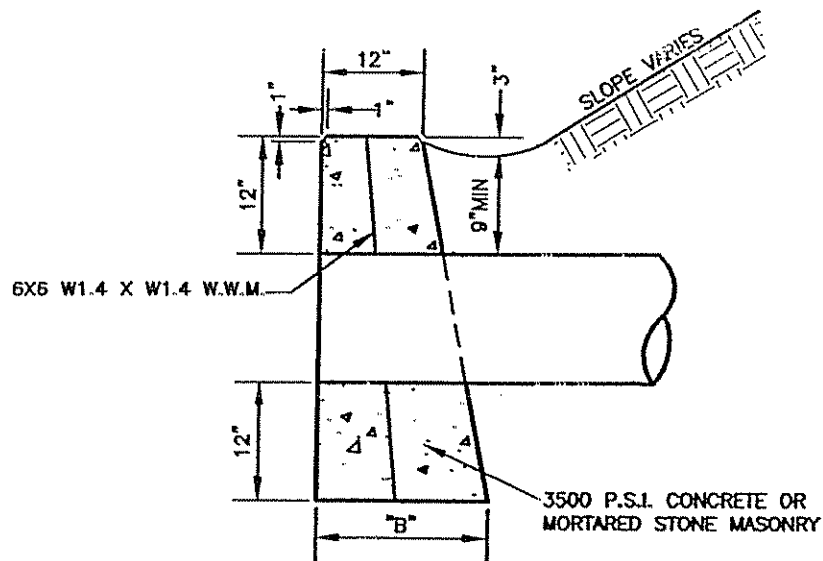
# STRAIGHT ENDWALL FOR CIRCULAR PIPE

DETAIL NO.: DR-150  
SCALE: NONE

CITY OF MT. JULIET  
PUBLIC WORKS DEPARTMENT



ELEVATION



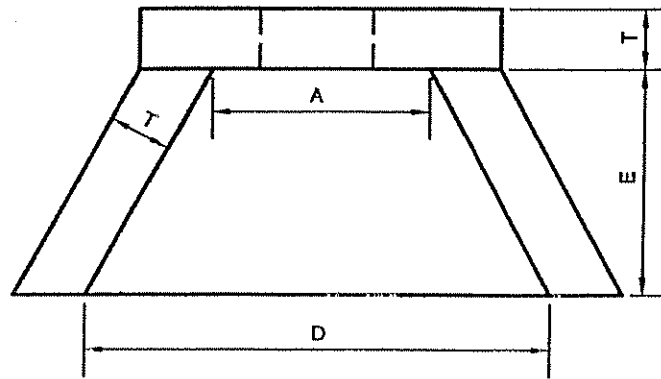
SECTION

S x R	H	B	L
18"x11"	3'-7"	1'-10 3/4"	4'-3"
22"x13 1/2"	3'-9"	1'-11 1/4"	5'-1"
26"x15 1/2"	4'-0"	2'-0"	6'-1"
28" 1/2"x18"	4'-2"	2'-0 1/2"	6'-11"
36 1/4"x22"	4'-6"	2'-1 1/2"	8'-6"
43" x 27"	4'-11"	2'-2 3/4"	10'-4"
50" x 31"	5'-3"	2'-3 3/4"	11'-11"

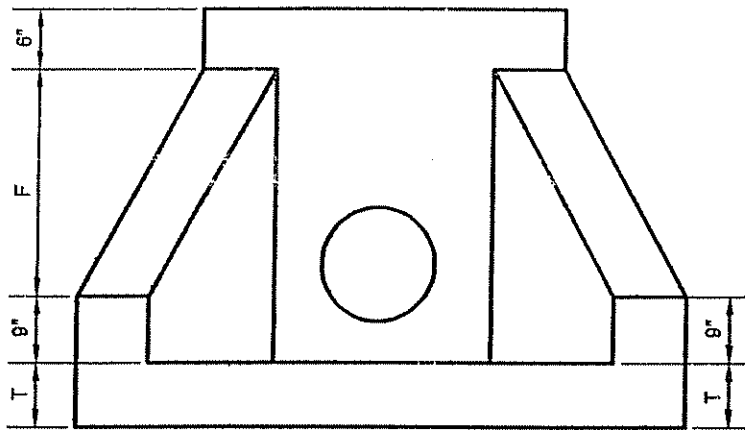
STRAIGHT ENDWALL  
FOR ARCH PIPE

DETAIL NO.: DR-151  
SCALE: NONE

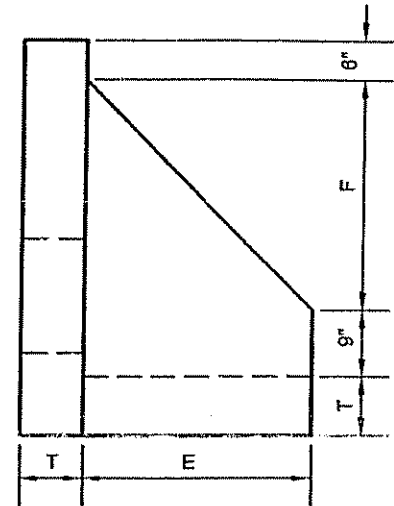
CITY OF MT. JULIET  
PUBLIC WORKS DEPARTMENT



TOP VIEW



FRONT VIEW



SIDE VIEW

TABLE OF DIMENSIONS

PIPE SIZE	A	D	E	F	T (MIN.)
15"	2'-6"	5'-0"	2'-6"	1'-9"	6"
18"	2'-6"	5'-0"	2'-6"	1'-9"	6"
21"	2'-6"	5'-0"	2'-6"	1'-9"	6"
24"	4'-0"	6'-6"	4'-0"	3'-3"	6"
30"	4'-0"	6'-6"	4'-0"	3'-3"	6"
36"	5'-6"	8'-0"	3'-6"	4'-5"	6"
42"	5'-6"	8'-0"	3'-6"	4'-5"	6"
48"	5'-6"	8'-0"	3'-6"	4'-5"	6"
54"	7'-0"	9'-5"	4'-6"	5'-9"	6"
60"	7'-0"	9'-5"	4'-6"	5'-9"	6"
66"	8'-6"	11'-0"	5'-6"	6'-11"	6"
72"	8'-6"	11'-0"	5'-6"	6'-11"	6"

CONCRETE:

4000 PSI AT 28 DAYS REINFORCED WITH NO. 4 BARS 10" C/C EACH WAY WITH WINGS AND TOE SLAB DOWELLED TO HEADWALL WITH NO. 5 BARS.

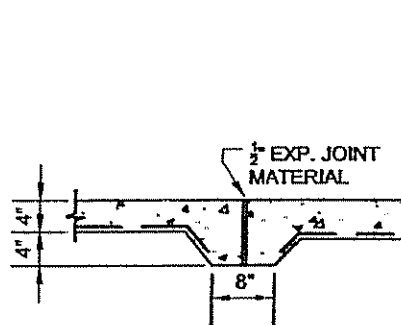
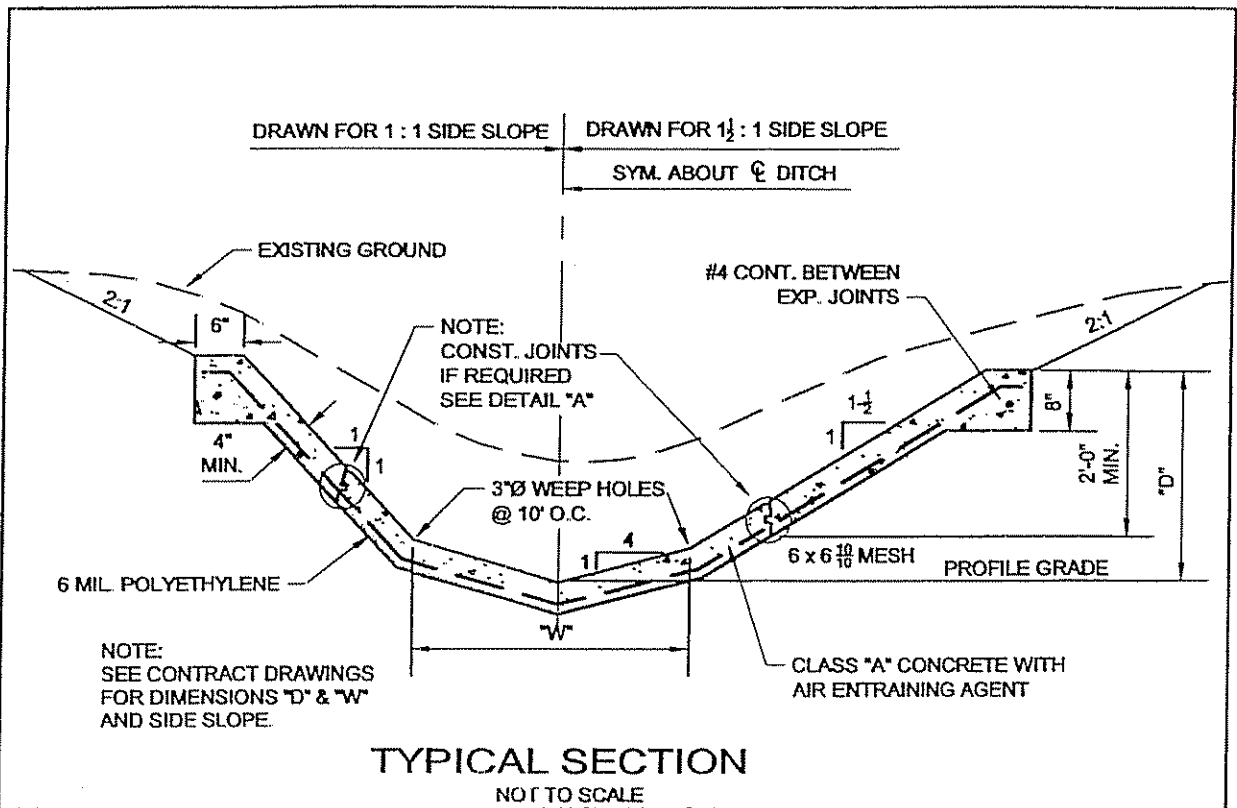
3/4" CHAMFER ON ALL EXPOSED EDGES.

CONCRETE HEADWALL

DRAWING NO.: DR-152

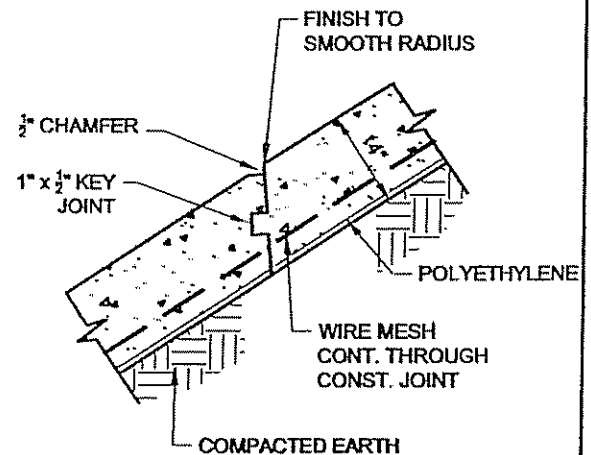
SCALE: NONE

CITY OF MT. JULIET  
PUBLIC WORKS DEPARTMENT



NOTE:  
EXPANSION JOINTS TO BE  
PLACED AT 40' MAX. O.C.

**TYPICAL SECTION AT  
EXPANSION JOINTS**  
NOT TO SCALE



**DETAIL "A"**  
NOT TO SCALE

NOTE:

1. TRANSVERSE GROOVE MARKING TO BE PLACED IN TOP OF CONCRETE AT 10' O.C. BETWEEN EXPANSION JOINTS.
2. TOP SURFACE OF CONCRETE LINING TO HAVE A LIGHT, BROOM FINISH.

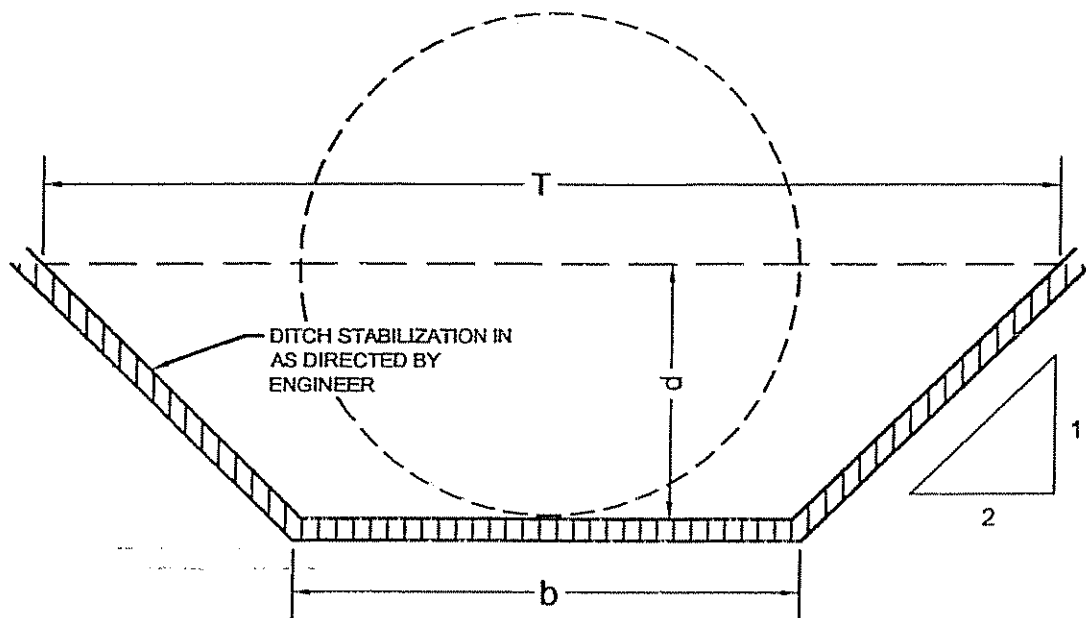
CONSTRUCTION JOINTS SHALL BE USED ONLY WHERE DEPTH OF LINING PERMITS A MINIMUM DEPTH OF 2'-0" OF LINING ABOVE THE JOINTS AS SHOWN IN TYPICAL SECTION ABOVE.

**CONCRETE LINED DITCH**

**DRAWING NO.: DR-160**

**SCALE: NONE**

**CITY OF MT. JULIET  
PUBLIC WORKS DEPARTMENT**



$b = \text{PIPE DIAMETER} + 2 \text{ FEET}$

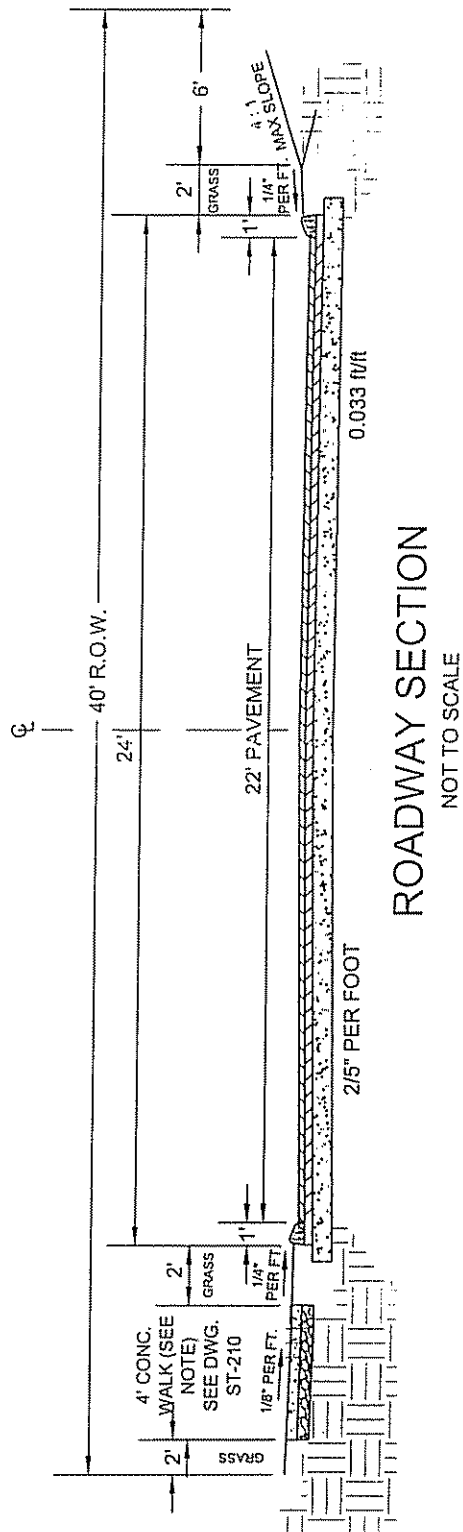
$T = b + 4d$

$d = 1/2 \text{ PIPE DIAMETER}$

**TYPICAL STABILIZED DITCH  
SECTION**

DETAIL NO.: DR-161  
SCALE: NONE

CITY OF MT. JULIET  
PUBLIC WORKS DEPARTMENT



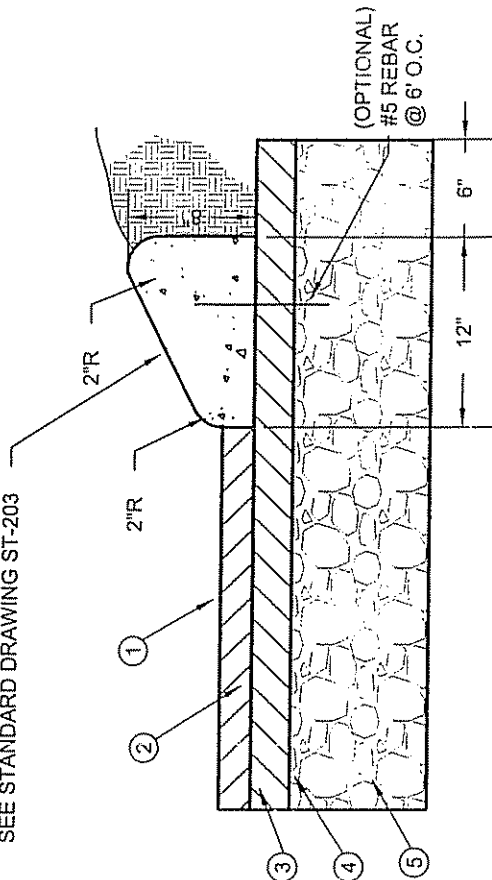
ROADWAY SECTION  
NOT TO SCALE

NOTE:  
SIDEWALK NOT REQUIRED ON  
PERMANENT DEAD-END STREETS  
LESS THAN 300' IN LENGTH.

### PAVING SCHEDULE

- ① 1-1/2" ASPHALTIC CONCRETE SURFACE (411E)
- ② TACK COAT (SS-1)
- ③ 2" ASPHALTIC CONCRETE BASE (B-MODIFIED)
- ④ PRIME COAT (RS-2)
- ⑤ 8" STONE (GRADING D PUG MILL MIX)

EXTRUDED CURB  
SEE STANDARD DRAWING ST-203

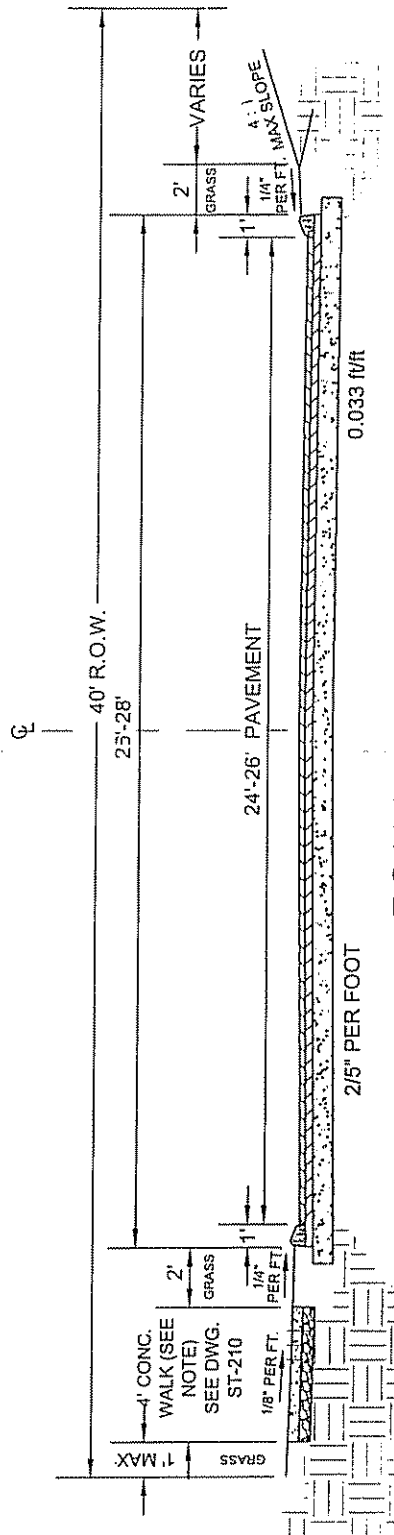


PAVEMENT COURSES  
NOT TO SCALE

## LOW AND MEDIUM DENSITY URBAN RESIDENTIAL ACCESS LANE

CITY OF MT. JULIET  
PUBLIC WORKS DEPARTMENT

DETAIL: ST-101A



## ROADWAY SECTION

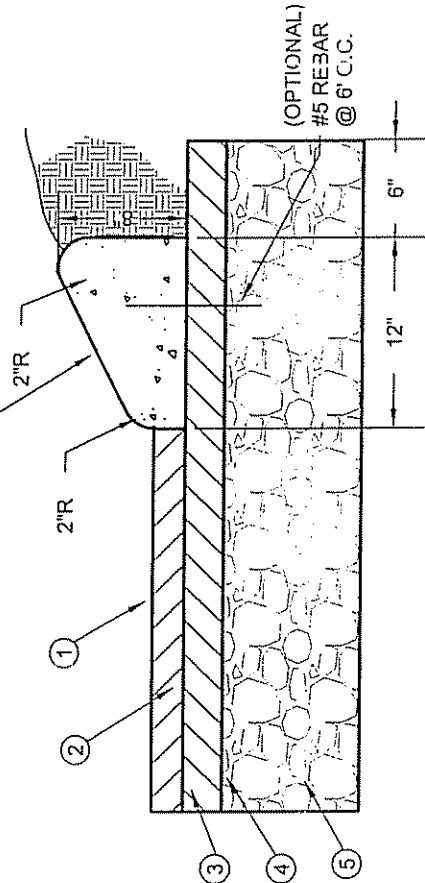
NOT TO SCALE

NOTE:  
SIDEWALK NOT REQUIRED ON  
PERMANENT DEAD-END STREETS  
LESS THAN 300' IN LENGTH.

## PAVING SCHEDULE

- ① 1-1/2" ASPHALTIC CONCRETE SURFACE (411E)
- ② TACK COAT (SS-1)
- ③ 2" ASPHALTIC CONCRETE BASE (B-MODIFIED)
- ④ PRIME COAT (RS-2)
- ⑤ 8" STONE (GRADING D PUG MILL MIX)

EXTRUDED CURB  
SEE STANDARD DRAWING ST-203



## PAVEMENT COURSES

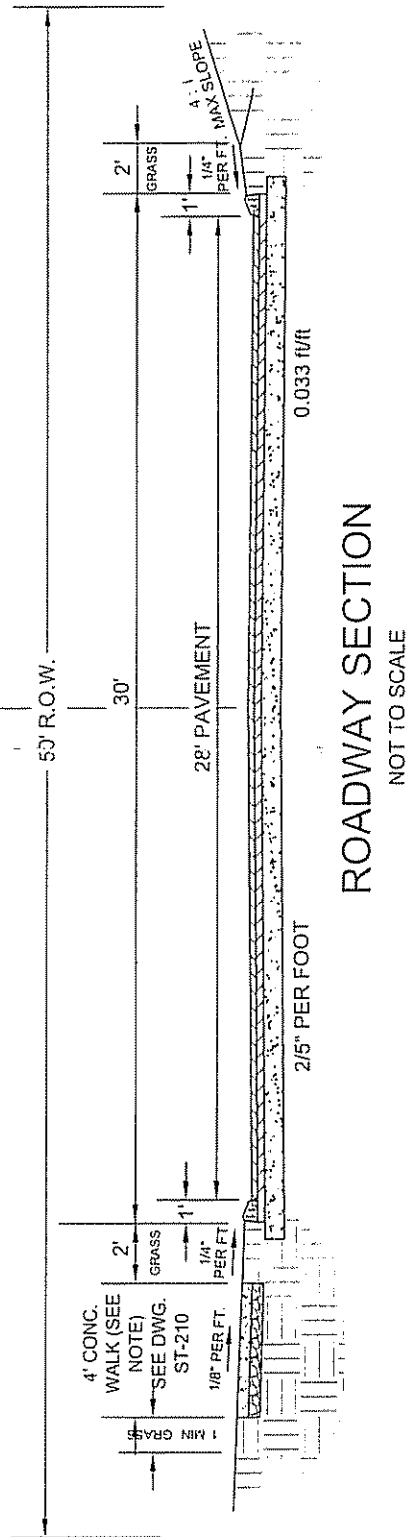
NOT TO SCALE

## LOW AND MEDIUM DENSITY URBAN RESIDENTIAL ACCESS STREET

CITY OF MT. JULIET  
PUBLIC WORKS DEPARTMENT

DETAIL: ST-101B

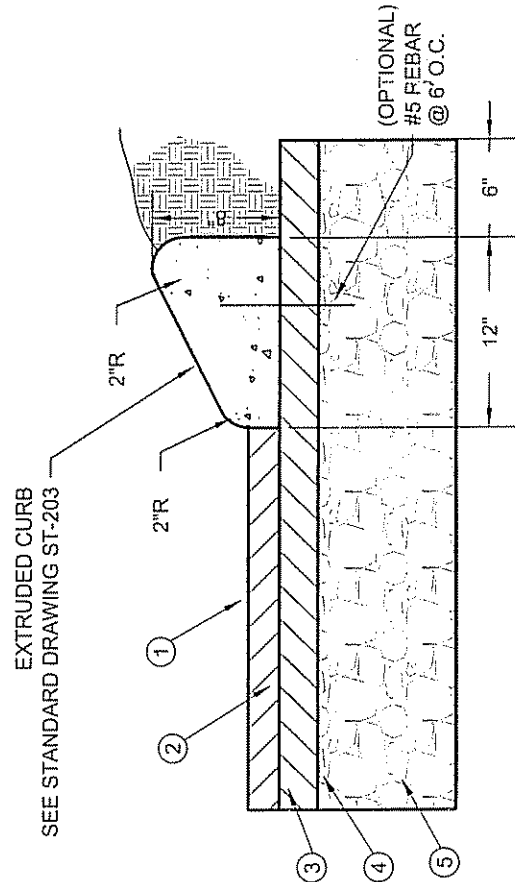




NOTE.  
SIDEWALK NOT REQUIRED ON  
PERMANENT DEAD-END STREETS  
LESS THAN 300' IN LENGTH.

## PAVING SCHEDULE

- ① 1-1/2" ASPHALTIC CONCRETE SURFACE (411E)
- ② TACK COAT (SS-1)
- ③ 2" ASPHALTIC CONCRETE BASE (B-MODIFIED)
- ④ PRIME COAT (RS-2)
- ⑤ 8" STONE (GRADING D PUG MILL MIX)



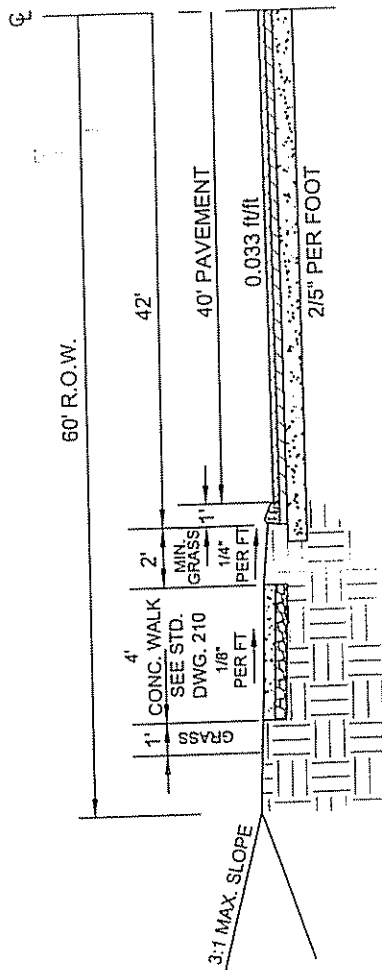
## PAVEMENT COURSES

NOT TO SCALE

# HIGH DENSITY URBAN RESIDENTIAL ACCESS LANE

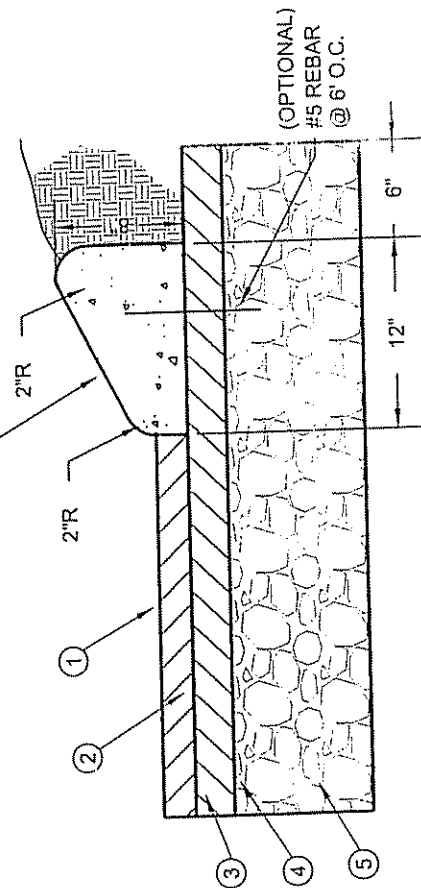
CITY OF MT. JULIET  
PUBLIC WORKS DEPARTMENT

DETAIL: ST-102



ROADWAY HALF SECTION  
NOT TO SCALE

EXTRUDED CURB  
SEE STANDARD DRAWING ST-203



PAVEMENT COURSES  
NOT TO SCALE

NOTES:

- (A) SIDEWALK REQUIRED ONLY ON ONE SIDE OF STREET.
- (B) 4:1 MAX. SLOPE REQUIRED ON SIDE OF STREET WITHOUT SIDEWALK.

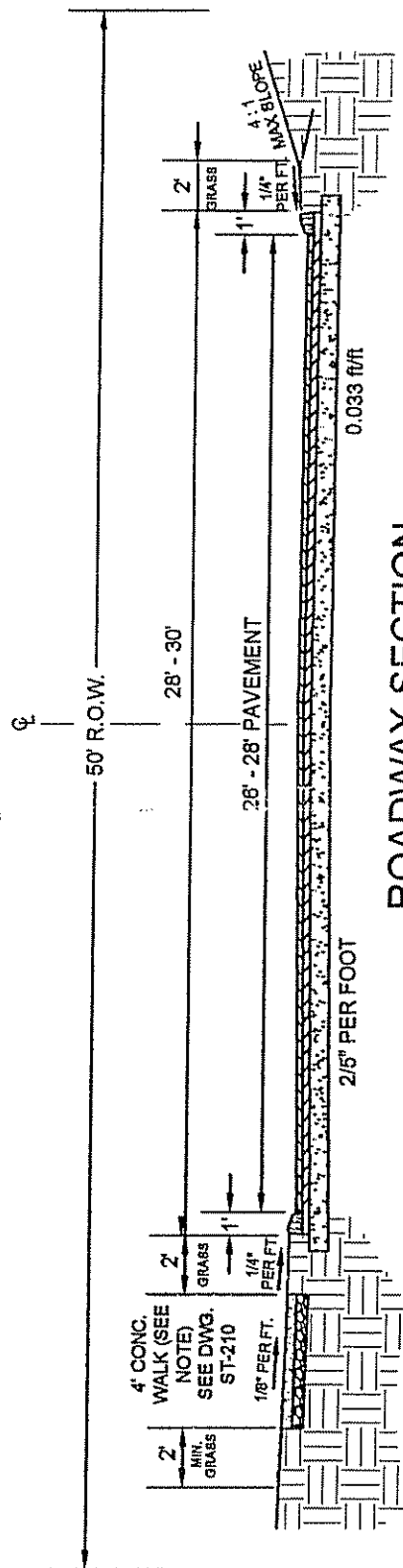
PAVING SCHEDULE

- ① 1-1/2" ASPHALTIC CONCRETE SURFACE (411E)
- ② TACK COAT (SS-1)
- ③ 2" ASPHALTIC CONCRETE BASE (B-MODIFIED)
- ④ PRIME COAT (RS-2)
- ⑤ 10" STONE (GRADING D PUG MILL MIX)

HIGH DENSITY  
URBAN ACCESS STREET

CITY OF MT. JULIET  
PUBLIC WORKS DEPARTMENT

DETAIL: ST-105



**ROADWAY SECTION**  
NOT TO SCALE

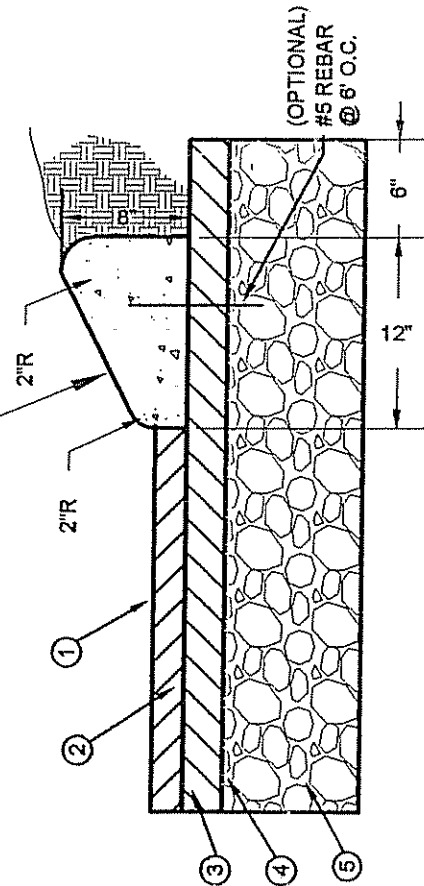
**NOTES:**

- (A) 25' PAVEMENT REQUIRED FOR STREET WITH 2000 OR LESS ADT.
- (B) 27' PAVEMENT REQUIRED FOR STREET WITH 2000 OR MORE ADT.
- (C) SIDEWALK REQUIRED ONLY ON ONE SIDE OF STREET.

**PAVING SCHEDULE**

- ① 1-1/2" ASPHALTIC CONCRETE SURFACE (411E)
- ② TACK COAT (SS-1)
- ③ 2" ASPHALTIC CONCRETE BASE (B-MODIFIED)
- ④ PRIME COAT (RS-2)
- ⑤ 8" STONE (GRADING D PUG MILL MIX)

EXTRUDED CURB  
SEE STANDARD DRAWING ST-203

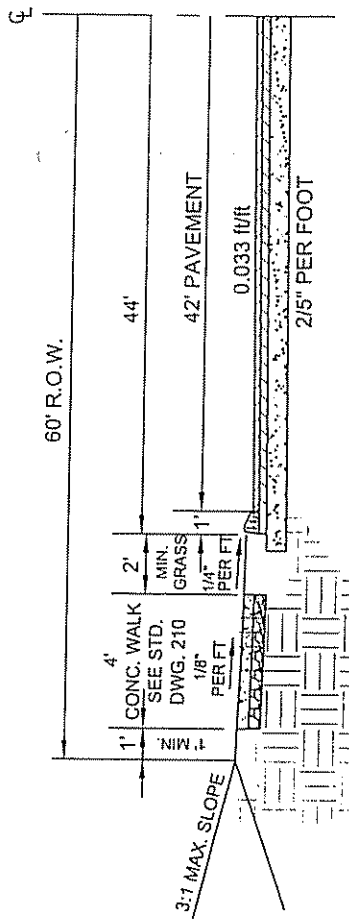


**PAVEMENT COURSES**  
NOT TO SCALE

**LOW AND MEDIUM DENSITY  
URBAN RESIDENTIAL COLLECTOR STREET**

CITY OF MT. JULIET  
PUBLIC WORKS DEPARTMENT

DETAIL: ST-106



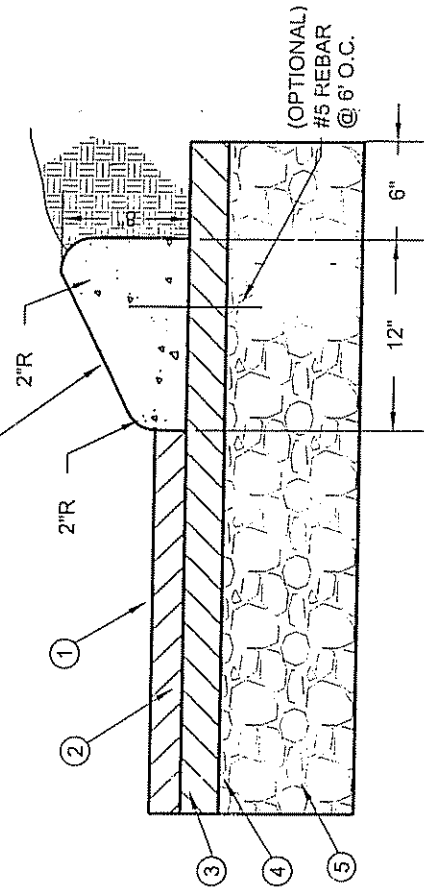
**NOTES:**

(A) SIDEWALK REQUIRED ON BOTH SIDES OF STREET.

**ROADWAY HALF SECTION**

NOT TO SCALE

EXTRUDED CURB  
SEE STANDARD DRAWING ST-203



**PAVING SCHEDULE**

- ① 1-1/2" ASPHALTIC CONCRETE SURFACE (411E)
- ② TACK COAT (SS-1)
- ③ 2" ASPHALTIC CONCRETE BASE (B-MODIFIED)
- ④ PRIME COAT (RS-2)
- ⑤ 10" STONE (GRADING D PUG MILL MIX)

**PAVEMENT COURSES**

NOT TO SCALE

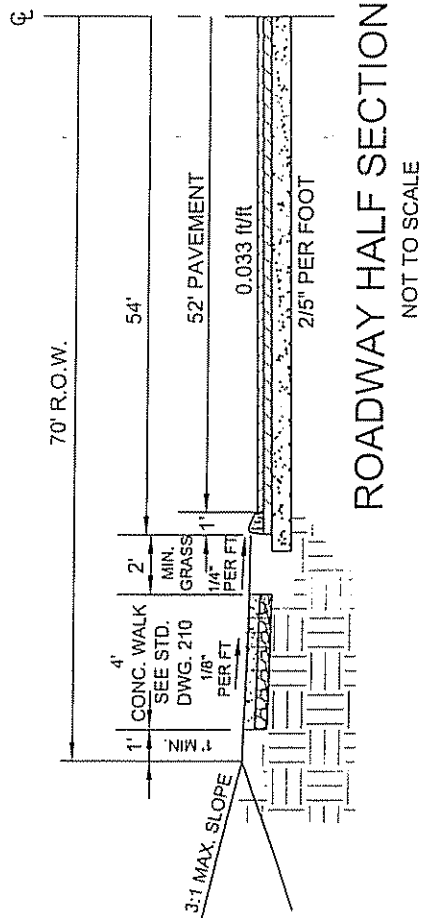
HIGH DENSITY URBAN RESIDENTIAL COLLECTOR OR  
LOW AND MEDIUM DENSITY URBAN COMMUNITY COLLECTOR

CITY OF MT. JULIET  
PUBLIC WORKS DEPARTMENT

DETAIL: ST-108

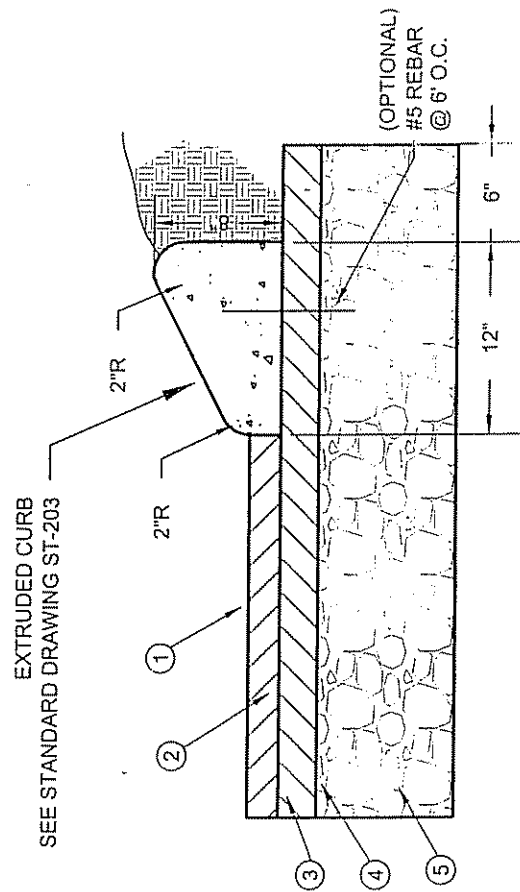
NOTES:

(A) SIDEWALK REQUIRED ON BOTH SIDES OF STREET.



ROADWAY HALF SECTION

NOT TO SCALE



PAVEMENT COURSES

NOT TO SCALE

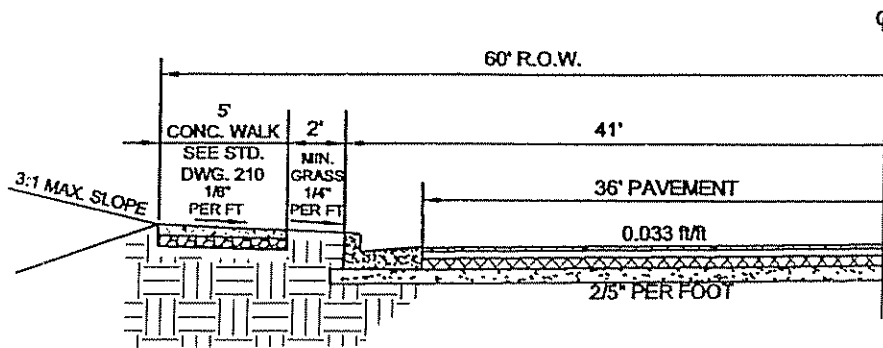
PAVING SCHEDULE

- ① 1-1/2" ASPHALTIC CONCRETE SURFACE (411E)
- ② TACK COAT (SS-1)
- ③ 2" ASPHALTIC CONCRETE BASE (B-MODIFIED)
- ④ PRIME COAT (RS-2)
- ⑤ 10" STONE (GRADING D PUG MILL MIX)

HIGH DENSITY URBAN  
COMMUNITY COLLECTOR STREET

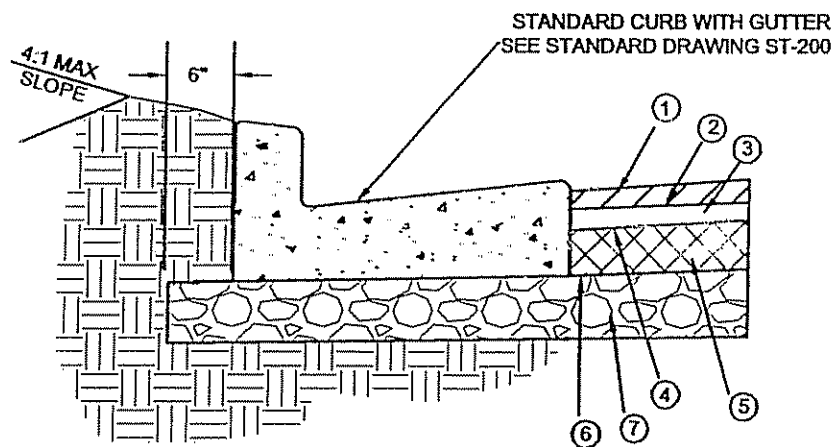
CITY OF MT. JULIET  
PUBLIC WORKS DEPARTMENT

DETAIL: ST-109



## ROADWAY HALF SECTION

NOT TO SCALE



## PAVEMENT COURSES

NOT TO SCALE

## PAVING SCHEDULE

- ① 1-1/2" ASPHALTIC CONCRETE SURFACE (411E)
- ② TACK COAT (SS-1)
- ③ 2" ASPHALTIC CONCRETE BASE (B-MODIFIED)
- ④ TACK COAT (SS-1)
- ⑤ 4" ASPHALTIC CONCRETE BASE (307A)
- ⑥ PRIME COAT (RS-2)
- ⑦ 8" STONE (GRADING D PUG MILL MIX)

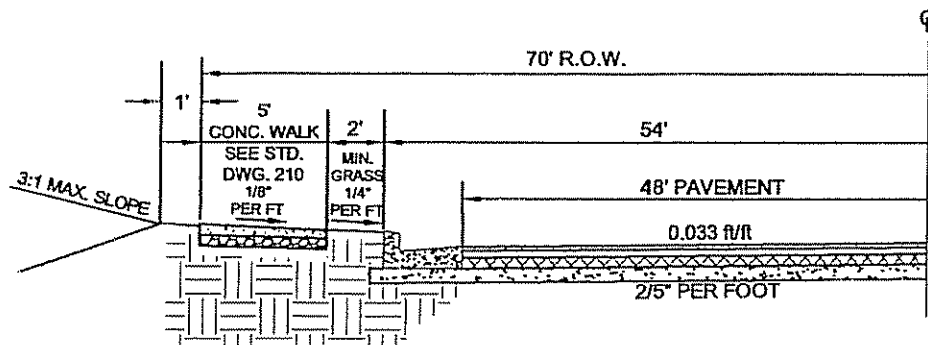
## NOTES:

- (A) SIDEWALK REQUIRED ONLY ON ONE SIDE OF STREET.
- (B) 4:1 MAX. SLOPE REQUIRED ON SIDE OF STREET WITHOUT SIDEWALK.

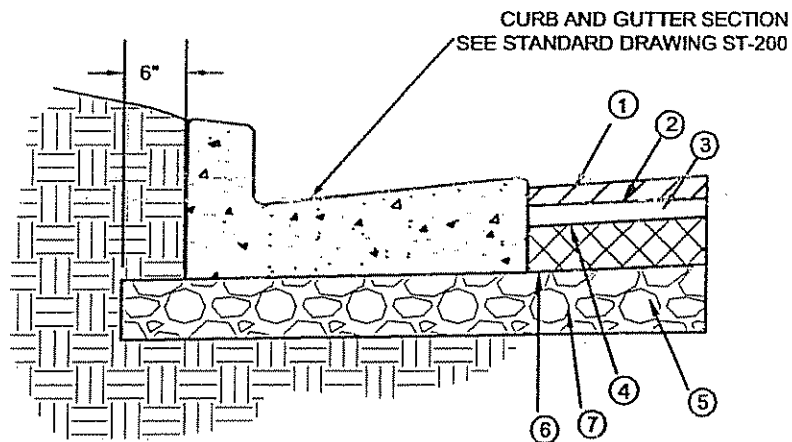
NON-RESIDENTIAL  
ACCESS STREET

CITY OF MT. JULIET  
PUBLIC WORKS DEPARTMENT

DETAIL: ST-111



**ROADWAY HALF SECTION**  
NOT TO SCALE



**PAVEMENT COURSES**  
NOT TO SCALE

### PAVING SCHEDULE

- ① 1-1/2" ASPHALTIC CONCRETE SURFACE (411E)
- ② TACK COAT (SS-1)
- ③ 2" ASPHALTIC CONCRETE BASE (B-MODIFIED)
- ④ TACK COAT (SS-1)
- ⑤ 4" ASPHALTIC CONCRETE BASE (307A)
- ⑥ PRIME COAT (RS-2)
- ⑦ 8" STONE (GRADING D PUG MILL MIX)

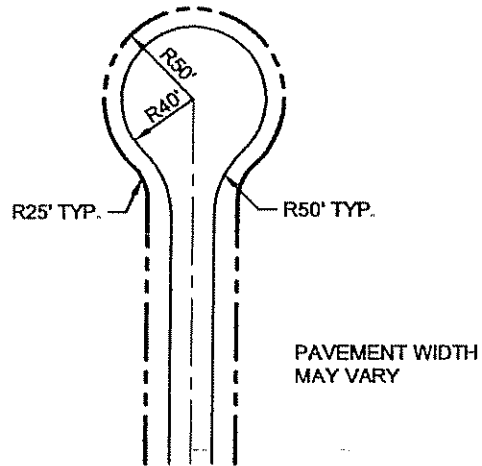
### NOTES:

- (A) SIDEWALK REQUIRED ON BOTH SIDES OF STREET.
- (B) RIGHT-OF-WAY SHOWN IS MINIMUM REQUIRED.

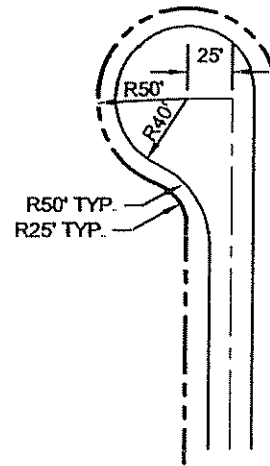
## NON-RESIDENTIAL COMMUNITY COLLECTOR

CITY OF MT. JULIET  
PUBLIC WORKS DEPARTMENT

DETAIL: ST-112



**STANDARD  
CUL-DE-SAC  
DETAIL**



**OFFSET  
CUL-DE-SAC  
DETAIL**

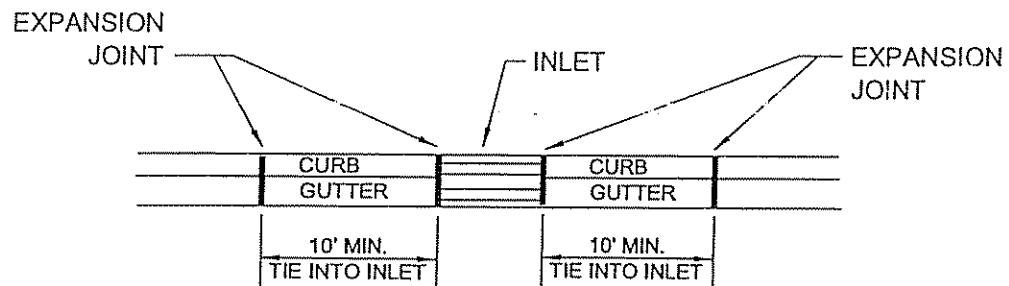
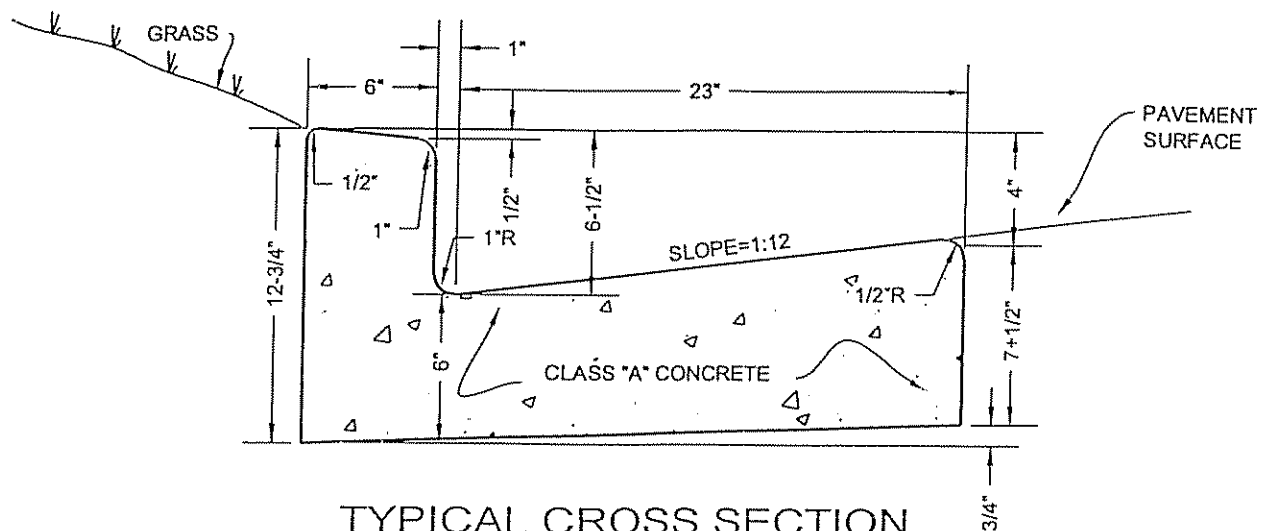
FOR RIGHT-OF-WAY = 50'  
FOR RIGHT-OF-WAY = 40'

**CUL-DE-SAC DETAILS**

DRAWING NO. ST-121  
SCALE: NONE

CITY OF MT. JULIET  
PUBLIC WORKS DEPARTMENT





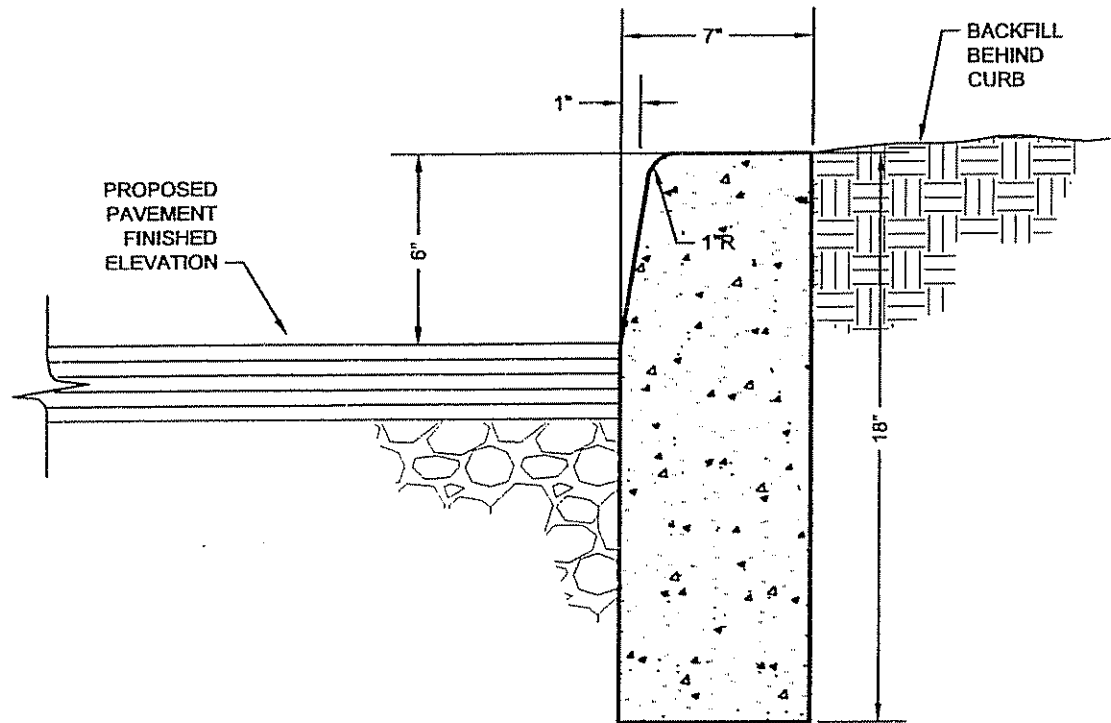
GENERAL NOTES:

1. EXPANSION JOINTS TO BE SPACED A MAXIMUM OF 100 FEET APART OR AS DIRECTED BY THE ENGINEER.
2. EXPANSION JOINTS WILL ALSO BE REQUIRED AT TANGENT POINTS, RAMPS, AND INLETS.
3. CONTRACTION JOINTS ARE TO BE CUT INTO CURB AND GUTTER EVERY TEN (10) FEET TO A DEPTH OF D/4, WHERE D EQUALS THE THICKNESS OF THE SECTION. THE SPACING OF TEN FEET MAY BE REDUCED AT CLOSURES BUT NO SECTION OF CURB AND GUTTER SHALL BE LESS THAN SIX FEET.
4. THERE WILL BE A MINIMUM OF TEN (10) FEET TIE IN AT CURB INLETS ON EACH SIDE OF THE INLET. AN EXPANSION JOINT WILL BE USED ON EACH SIDE OF THE TIE IN.
5. COST OF JOINTS TO BE INCLUDED IN THE UNIT BID PRICE FOR CONCRETE CURB AND GUTTER.
6. FOR USE ON NON-RESIDENTIAL STREETS.

STANDARD CURB WITH GUTTER

DRAWING NO. ST-200  
SCALE: NONE

CITY OF MT. JULIET  
PUBLIC WORKS DEPARTMENT

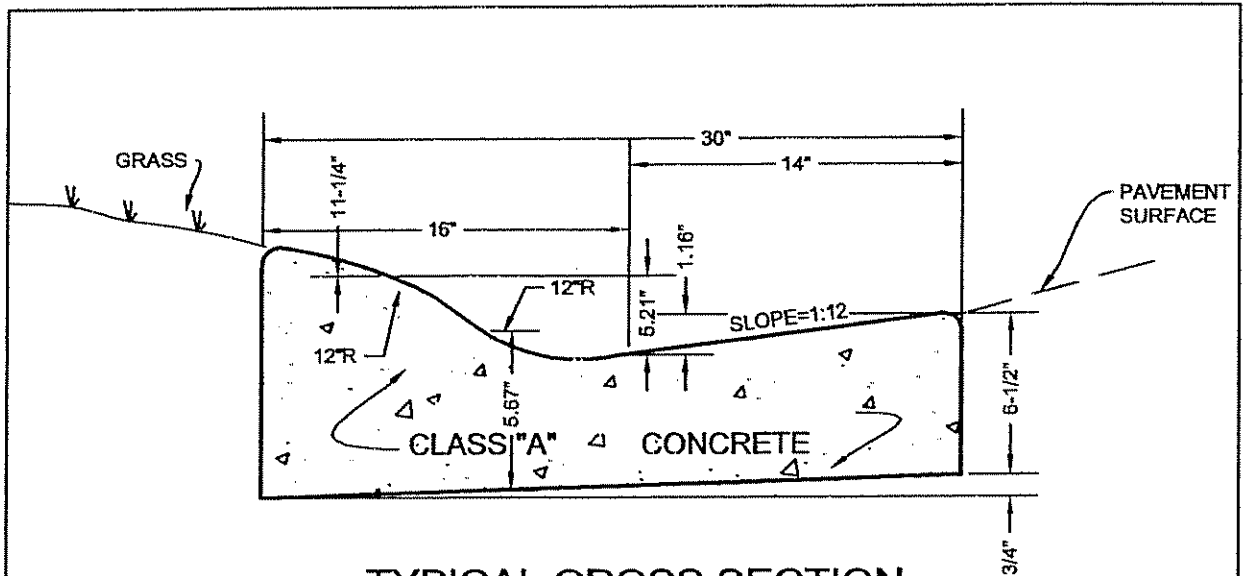


CONCRETE POST CURB

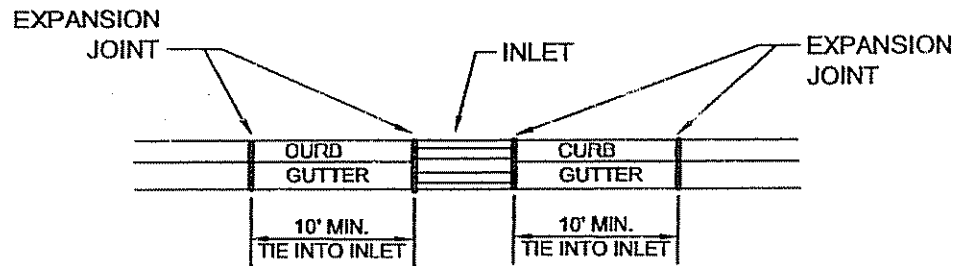
DRAWING NO.: ST-201

SCALE: NONE

CITY OF MT. JULIET  
PUBLIC WORKS DEPARTMENT



TYPICAL CROSS SECTION



FRONT VIEW

GENERAL NOTES:

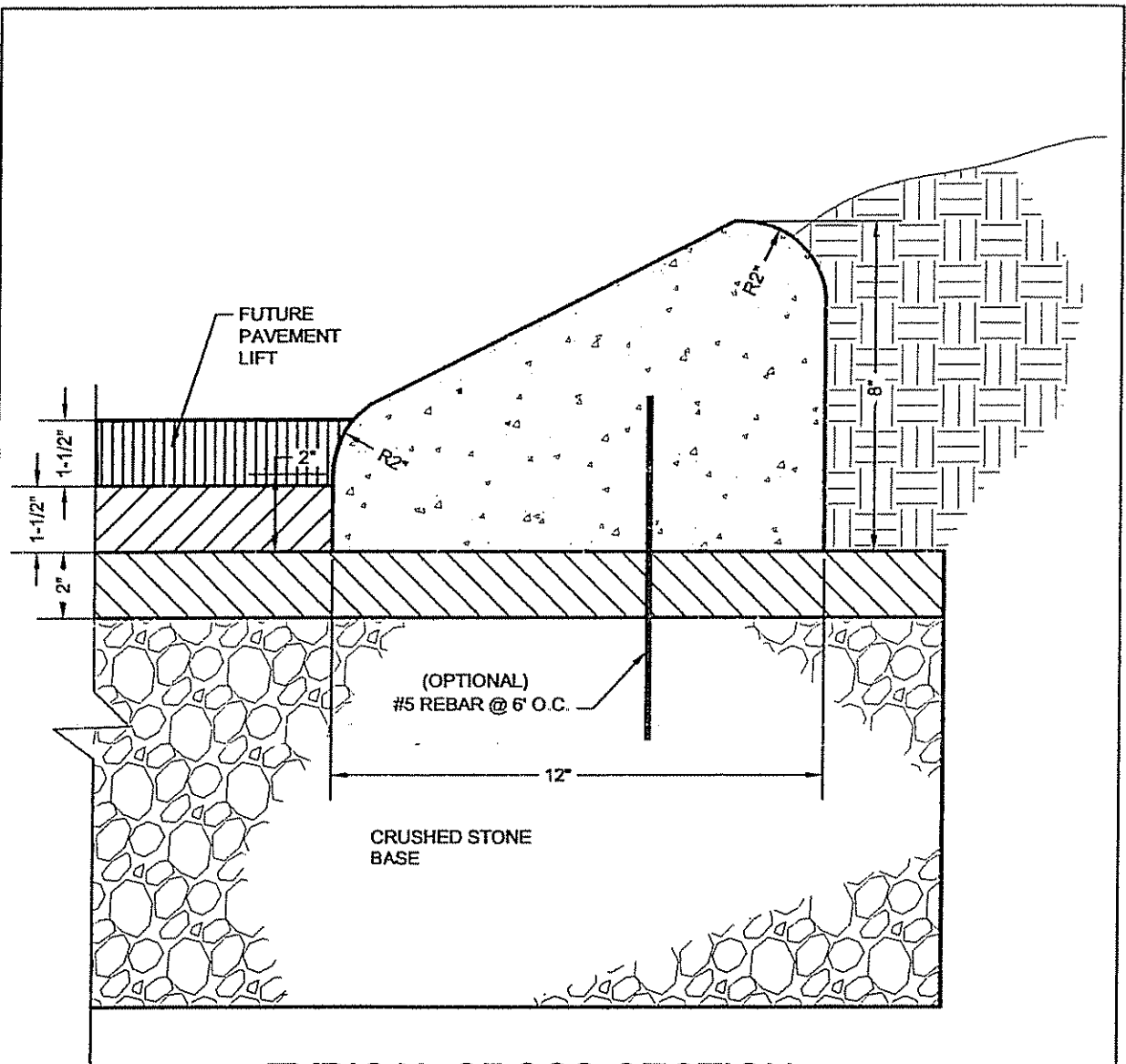
1. EXPANSION JOINTS TO BE SPACED A MAXIMUM OF 100 FEET APART OR AS DIRECTED BY THE ENGINEER.
2. EXPANSION JOINTS WILL ALSO BE REQUIRED AT TANGENT POINTS, RAMPS, AND INLETS.
3. CONTRACTION JOINTS ARE TO BE CUT INTO CURB AND GUTTER EVERY TEN (10) FEET TO A DEPTH OF D/4, WHERE D EQUALS THE THICKNESS OF THE SECTION. THE SPACING OF TEN FEET MAY BE REDUCED AT CLOSURES BUT NO SECTION OF CURB AND GUTTER SHALL BE LESS THAN SIX FEET.
4. THERE WILL BE A MINIMUM OF TEN (10) FEET TIE IN AT CURB INLETS ON EACH SIDE OF THE INLET. AN EXPANSION JOINT WILL BE USED ON EACH SIDE OF THE TIE IN.
5. COST OF JOINTS TO BE INCLUDED IN THE UNIT BID PRICE FOR CONCRETE CURB AND GUTTER.
6. MT. JULIET STANDARD PRIOR TO JULY 17, 2003.

MOUNTABLE CURB WITH GUTTER

DRAWING NO.: ST-202

SCALE: NONE

CITY OF MT. JULIET  
PUBLIC WORKS DEPARTMENT



## TYPICAL CROSS-SECTION

### GENERAL NOTES:

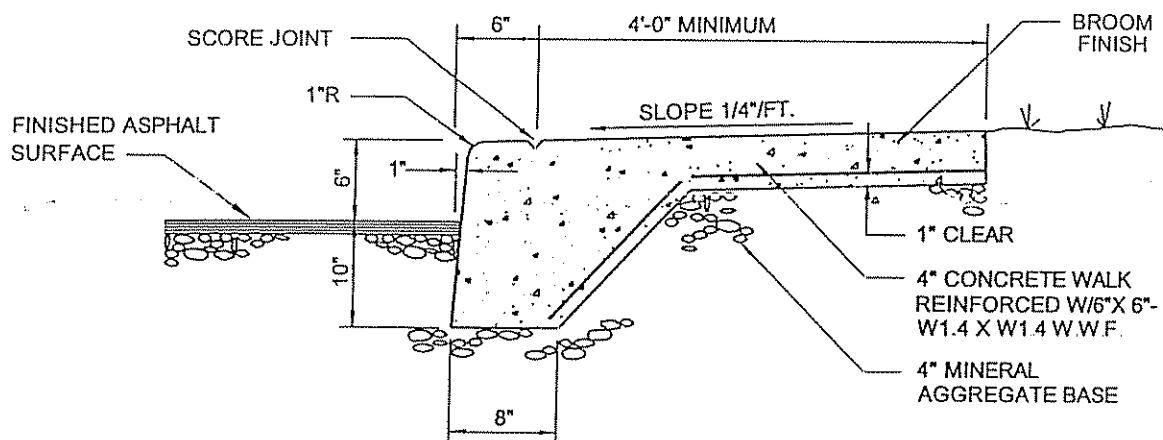
1. WHERE CONCRETE MEDIAN PAVEMENT IS POURED BEHIND EXTRUDED 8-INCH CONCRETE CURB, IT MAY BE POURED MONOLITHICALLY WITH THE CURB.
2. THE EXTRUDED 8-INCH CONCRETE CURB IS TO BE USED AS THE STANDARD FOR RESIDENTIAL STREETS AND ROADS.
3. WHERE CURB INLETS ARE REQUIRED, USE JOHN BOUCHARD & SONS CO. GRATE NOS. 3103 OR 3103-V, OR APPROVED & EQUAL.
4. MT. JULIET STANDARD FOR RESIDENTIAL STREETS, ADOPTED 07/17/2003.
5. RESIDENTIAL DRIVEWAYS: CURB TO BE CUT TO CONFORM TO STANDARD DRAWING NO. ST-313.

HIGH PROFILE EXTRUDED CURB

DRAWING NO. ST-203

SCALE: NONE

CITY OF MT. JULIET  
PUBLIC WORKS DEPARTMENT

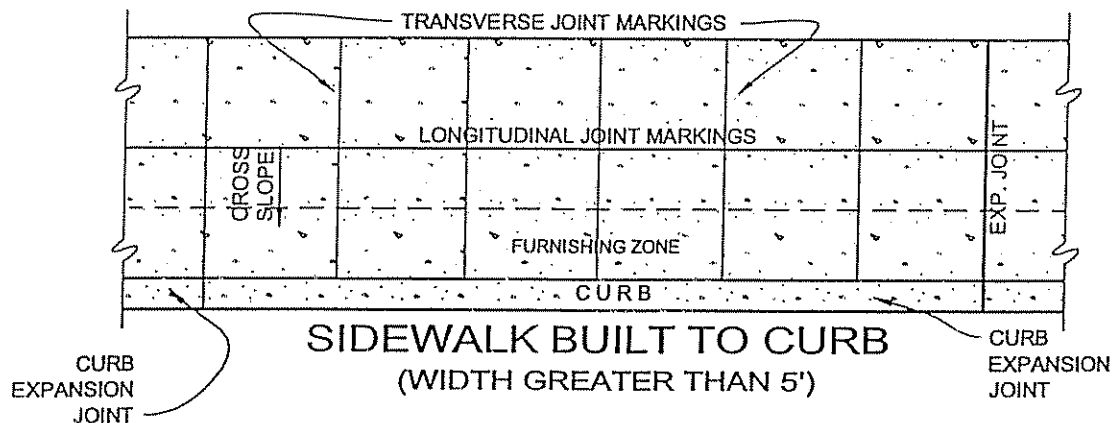
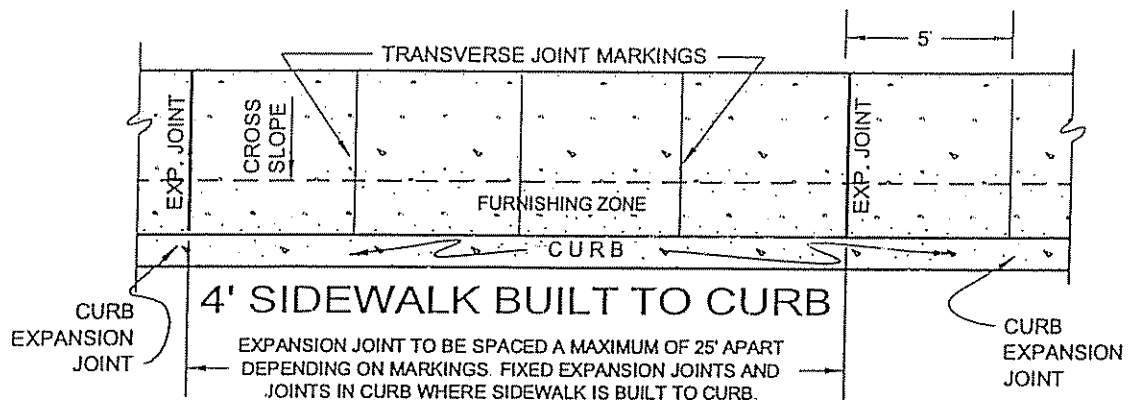
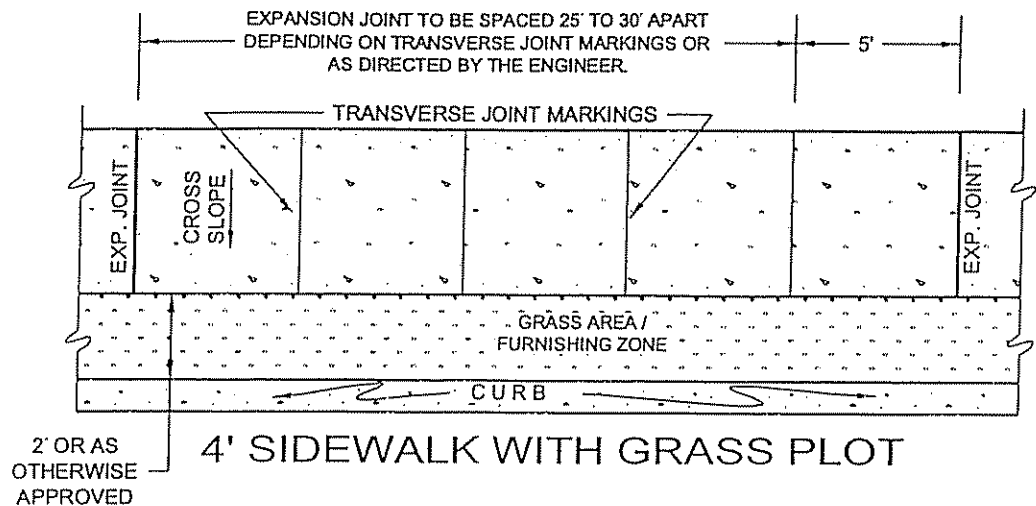


PROVIDE CONTROL JOINTS PER DETAIL ST-213 SPACED EVERY 5 FT. AND EXPANSION JOINTS PER DETAIL ST-213 EVERY 20 FT.

# CONCRETE SIDEWALK AND HAUNCHED CURB

DETAIL NO.: ST-204  
SCALE: NONE

CITY OF MT. JULIET  
PUBLIC WORKS DEPARTMENT



**GENERAL NOTES:**

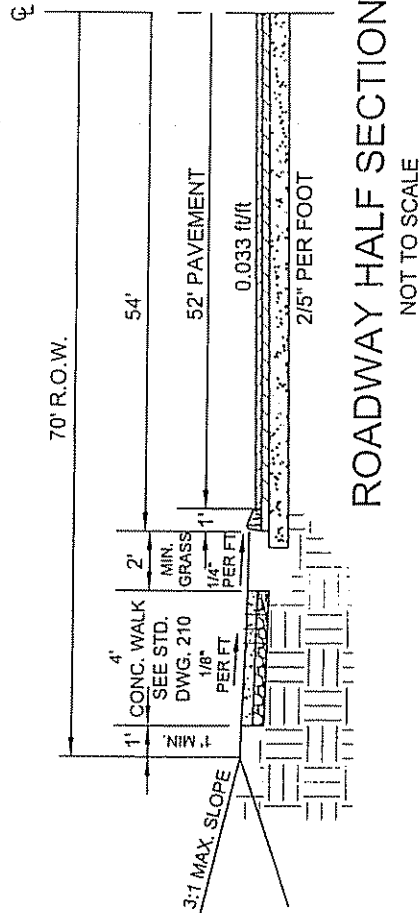
1. SIDEWALKS SHALL BE A MINIMUM OF 4 INCHES IN THICKNESS AND MAINTAIN A MINIMUM OF 4 FEET CLEARANCE THROUGH THE PATH OF TRAVEL.
2. MAXIMUM CROSS SLOPE FOR SIDEWALKS SHALL NOT EXCEED 1:48 (VERTICAL:HORIZONTAL).
3. SIDEWALK SHALL BE CONSTRUCTED OF WHITE CONCRETE PER DEPARTMENT OF PUBLIC WORKS TECHNICAL SPECIFICATIONS.
4. WHERE A GRASS AREA IS NOT PROVIDED, A MAXIMUM OF 2 FEET FURNISHING ZONE IS REQUIRED, MAINTAINING A MINIMUM OF 4 FEET CLEARANCE THROUGH THE PATH OF TRAVEL.

**STANDARD CONCRETE SIDEWALK**

**DRAWING NO.: ST-210**

**SCALE: NONE**

**CITY OF MT. JULIET  
PUBLIC WORKS DEPARTMENT**

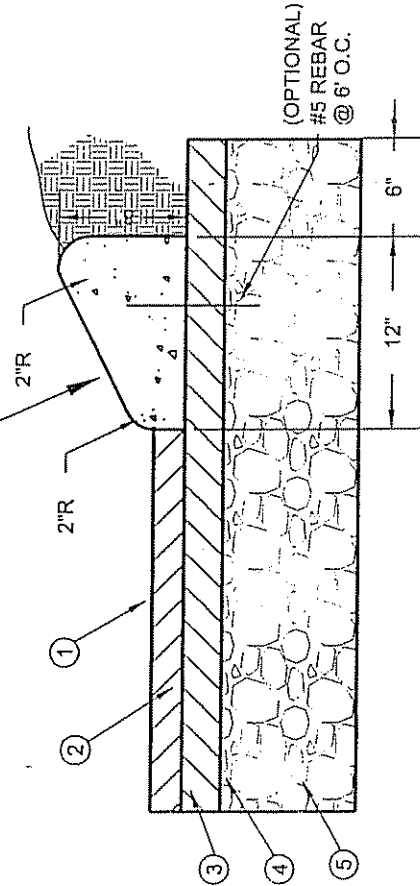


# NOTES:

(A) SIDEWALK REQUIRED ON BOTH SIDES OF STREET.

## ROADWAY HALF SECTION NOT TO SCALE

EXTRUDED CURB  
SEE STANDARD DRAWING ST-203



## PAVING SCHEDULE

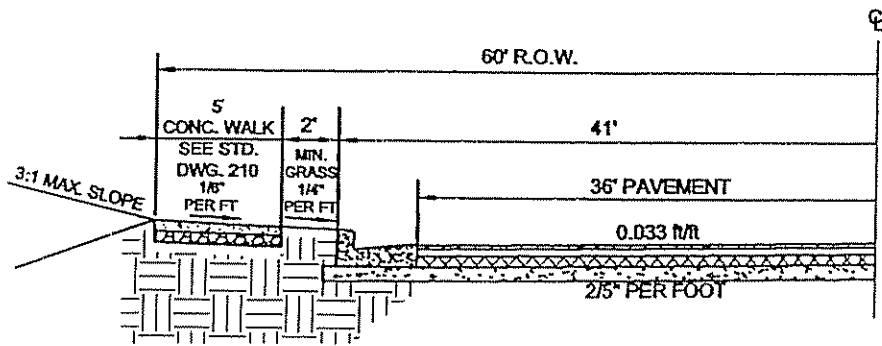
- ① 1-1/2" ASPHALTIC CONCRETE SURFACE (411E)
- ② TACK COAT (SS-1)
- ③ 2" ASPHALTIC CONCRETE BASE (B-MODIFIED)
- ④ PRIME COAT (RS-2)
- ⑤ 10" STONE (GRADING D PUG MILL MIX)

## PAVEMENT COURSES NOT TO SCALE

## HIGH DENSITY URBAN COMMUNITY COLLECTOR STREET

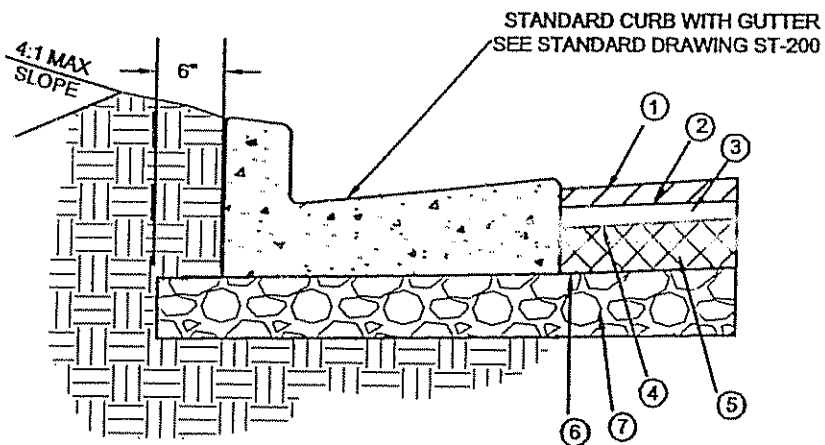
CITY OF MT. JULIET  
PUBLIC WORKS DEPARTMENT

DETAIL: ST-109



## ROADWAY HALF SECTION

NOT TO SCALE



## PAVEMENT COURSES

NOT TO SCALE

## PAVING SCHEDULE

- ① 1-1/2" ASPHALTIC CONCRETE SURFACE (411E)
- ② TACK COAT (SS-1)
- ③ 2" ASPHALTIC CONCRETE BASE (B-MODIFIED)
- ④ TACK COAT (SS-1)
- ⑤ 4" ASPHALTIC CONCRETE BASE (307A)
- ⑥ PRIME COAT (RS-2)
- ⑦ 8" STONE (GRADING D PUG MILL MIX)

## NOTES:

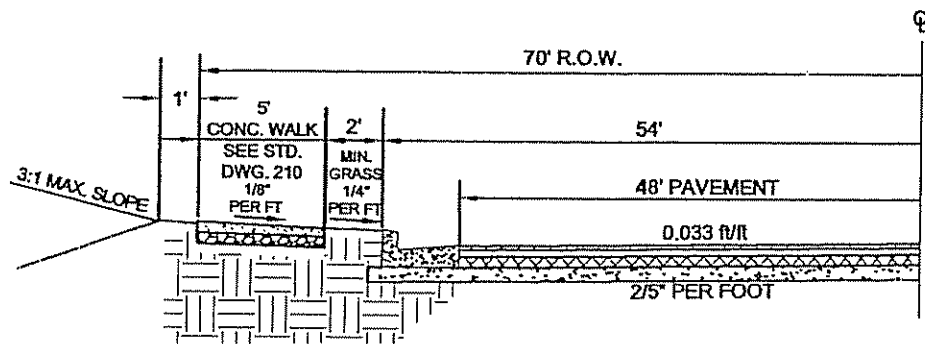
- (A) SIDEWALK REQUIRED ONLY ON ONE SIDE OF STREET.
- (B) 4:1 MAX. SLOPE REQUIRED ON SIDE OF STREET WITHOUT SIDEWALK.

## NON-RESIDENTIAL ACCESS STREET

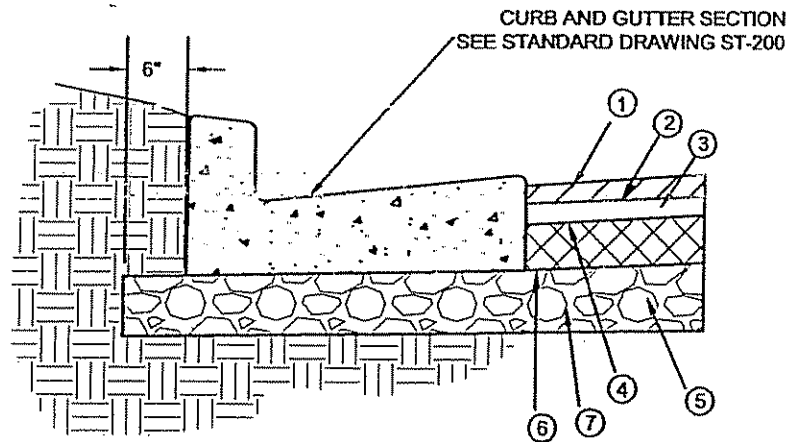
CITY OF MT. JULIET  
PUBLIC WORKS DEPARTMENT

DETAIL: ST-111





**ROADWAY HALF SECTION**  
NOT TO SCALE



**PAVEMENT COURSES**  
NOT TO SCALE

### PAVING SCHEDULE

- ① 1-1/2" ASPHALTIC CONCRETE SURFACE (411E)
- ② TACK COAT (SS-1)
- ③ 2" ASPHALTIC CONCRETE BASE (B-MODIFIED)
- ④ TACK COAT (SS-1)
- ⑤ 4" ASPHALTIC CONCRETE BASE (307A)
- ⑥ PRIME COAT (RS-2)
- ⑦ 8" STONE (GRADING D PUG MILL MDX)

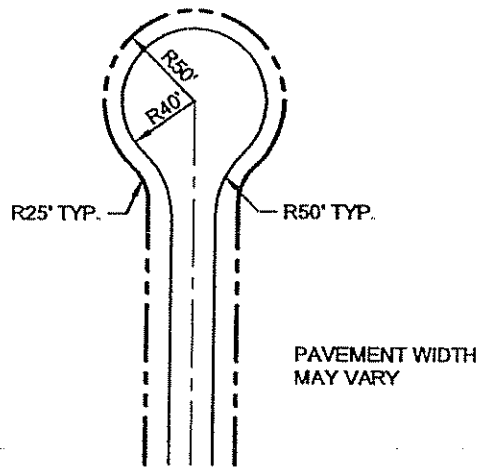
### NOTES:

- (A) SIDEWALK REQUIRED ON BOTH SIDES OF STREET.
- (B) RIGHT-OF-WAY SHOWN IS MINIMUM REQUIRED.

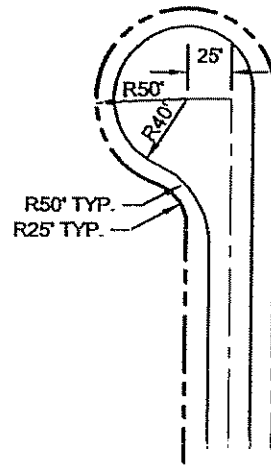
## NON-RESIDENTIAL COMMUNITY COLLECTOR

CITY OF MT. JULIET  
PUBLIC WORKS DEPARTMENT

DETAIL: ST-112



**STANDARD  
CUL-DE-SAC  
DETAIL**



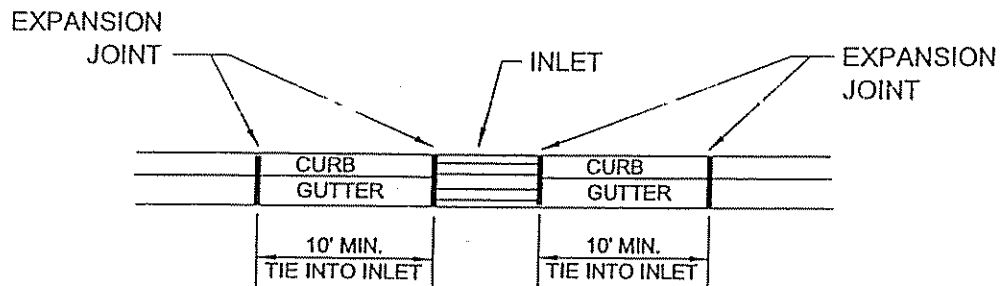
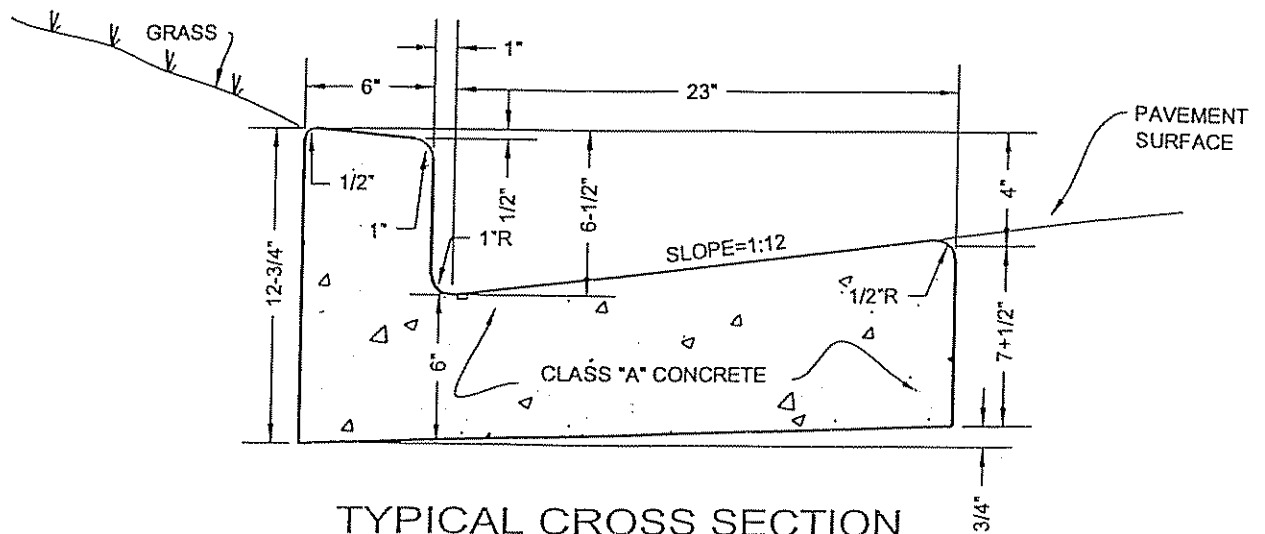
**OFFSET  
CUL-DE-SAC  
DETAIL**

FOR RIGHT-OF-WAY = 50'  
FOR RIGHT-OF-WAY = 40'

CUL-DE-SAC DETAILS

DRAWING NO. ST-121  
SCALE: NONE

CITY OF MT. JULIET  
PUBLIC WORKS DEPARTMENT



GENERAL NOTES:

1. EXPANSION JOINTS TO BE SPACED A MAXIMUM OF 100 FEET APART OR AS DIRECTED BY THE ENGINEER.
2. EXPANSION JOINTS WILL ALSO BE REQUIRED AT TANGENT POINTS, RAMPS, AND INLETS.
3. CONTRACTION JOINTS ARE TO BE CUT INTO CURB AND GUTTER EVERY TEN (10) FEET TO A DEPTH OF D/4, WHERE D EQUALS THE THICKNESS OF THE SECTION. THE SPACING OF TEN FEET MAY BE REDUCED AT CLOSURES BUT NO SECTION OF CURB AND GUTTER SHALL BE LESS THAN SIX FEET.
4. THERE WILL BE A MINIMUM OF TEN (10) FEET TIE IN AT CURB INLETS ON EACH SIDE OF THE INLET. AN EXPANSION JOINT WILL BE USED ON EACH SIDE OF THE TIE IN
5. COST OF JOINTS TO BE INCLUDED IN THE UNIT BID PRICE FOR CONCRETE CURB AND GUTTER.
6. FOR USE ON NON-RESIDENTIAL STREETS.

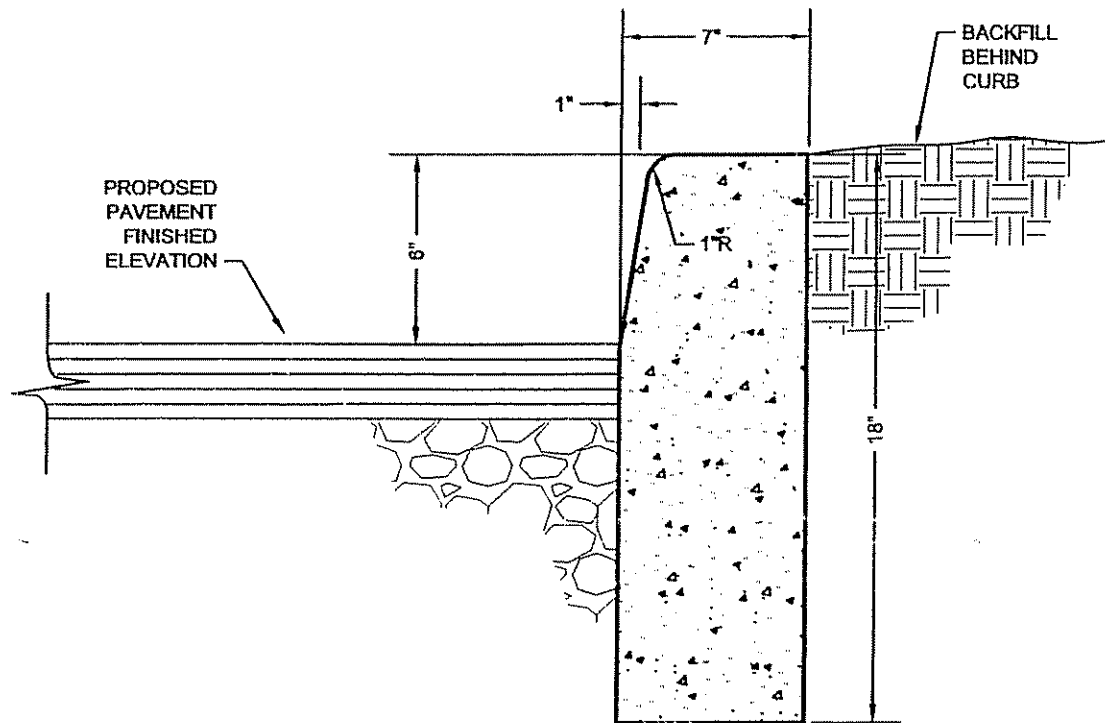
STANDARD CURB WITH GUTTER

DRAWING NO. ST-200

SCALE: NONE

CITY OF MT. JULIET

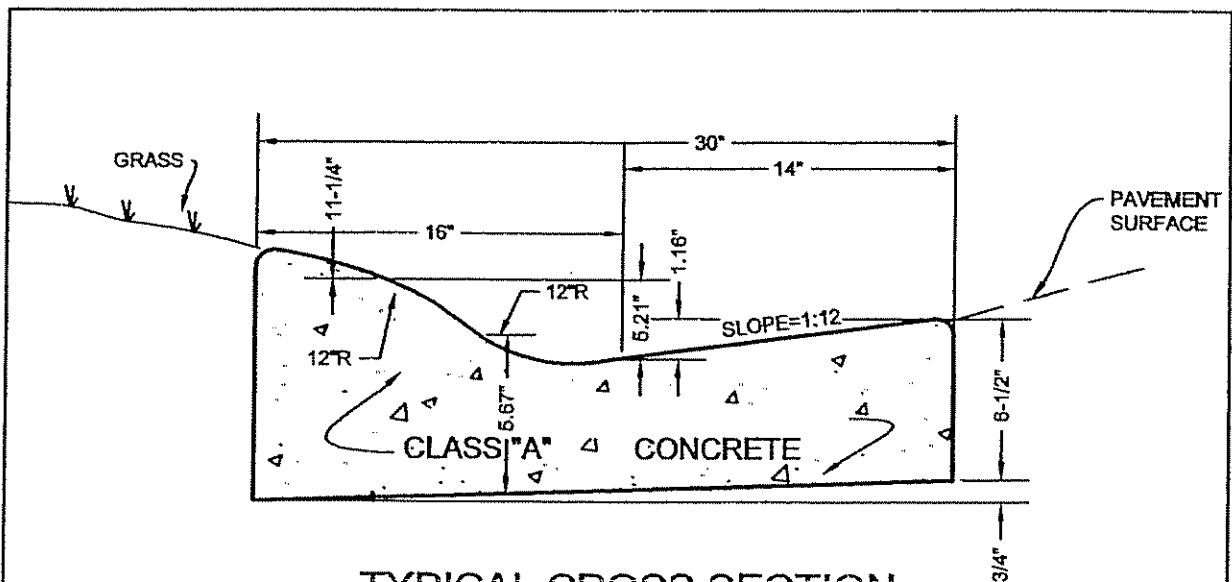
PUBLIC WORKS DEPARTMENT



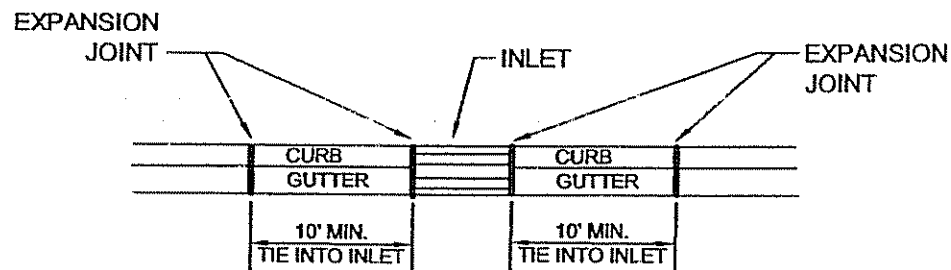
CONCRETE POST CURB

DRAWING NO.: ST-201  
SCALE: NONE

CITY OF MT. JULIET  
PUBLIC WORKS DEPARTMENT



TYPICAL CROSS SECTION



FRONT VIEW

GENERAL NOTES:

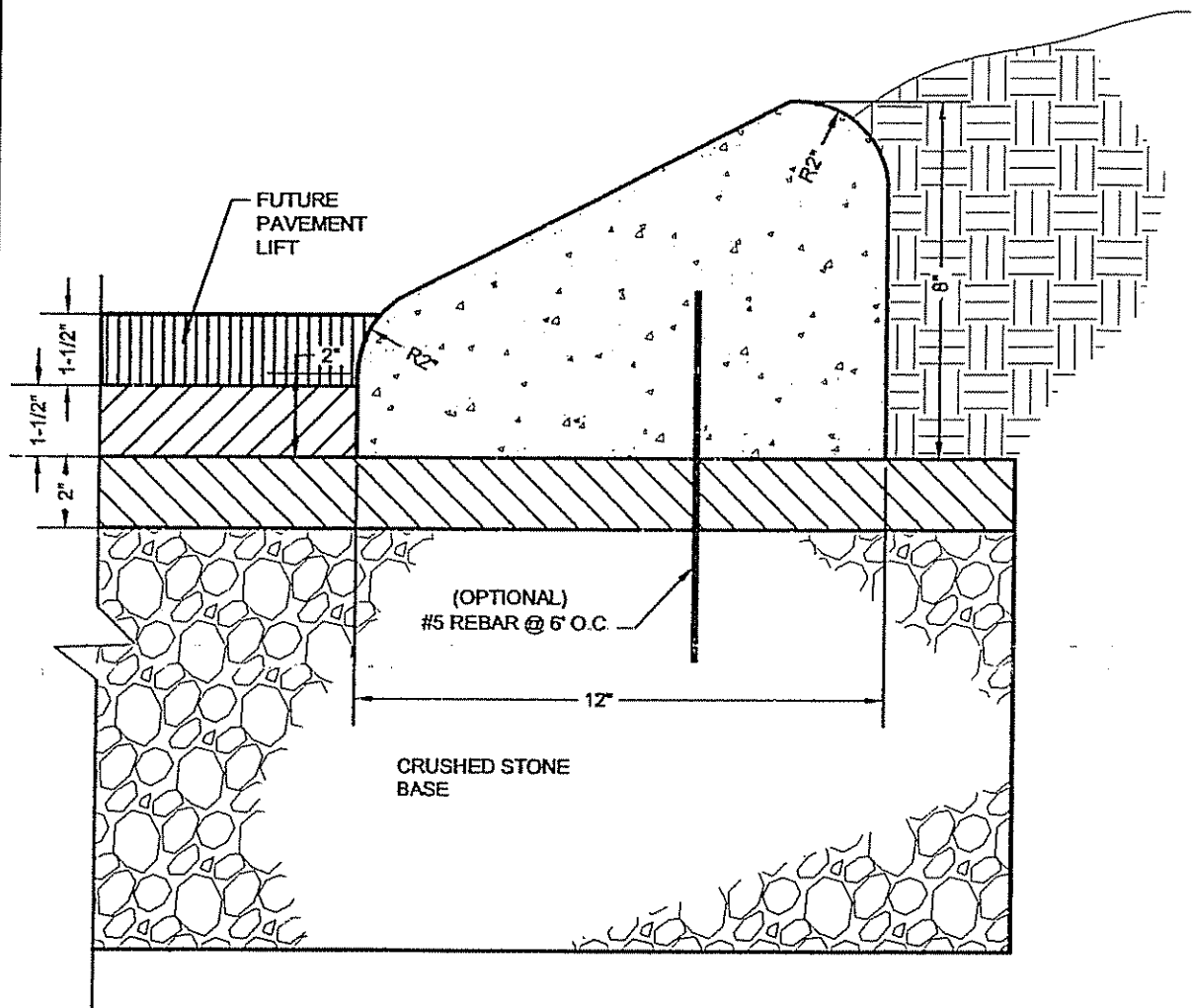
1. EXPANSION JOINTS TO BE SPACED A MAXIMUM OF 100 FEET APART OR AS DIRECTED BY THE ENGINEER.
2. EXPANSION JOINTS WILL ALSO BE REQUIRED AT TANGENT POINTS, RAMPS, AND INLETS.
3. CONTRACTION JOINTS ARE TO BE CUT INTO CURB AND GUTTER EVERY TEN (10) FEET TO A DEPTH OF  $D/4$ , WHERE D EQUALS THE THICKNESS OF THE SECTION. THE SPACING OF TEN FEET MAY BE REDUCED AT CLOSURES BUT NO SECTION OF CURB AND GUTTER SHALL BE LESS THAN SIX FEET.
4. THERE WILL BE A MINIMUM OF TEN (10) FEET TIE IN AT CURB INLETS ON EACH SIDE OF THE INLET. AN EXPANSION JOINT WILL BE USED ON EACH SIDE OF THE TIE IN.
5. COST OF JOINTS TO BE INCLUDED IN THE UNIT BID PRICE FOR CONCRETE CURB AND GUTTER.
6. MT. JULIET STANDARD PRIOR TO JULY 17, 2003.

MOUNTABLE CURB WITH GUTTER

DRAWING NO.: ST-202

SCALE: NONE

CITY OF MT. JULIET  
PUBLIC WORKS DEPARTMENT



## TYPICAL CROSS-SECTION

### GENERAL NOTES:

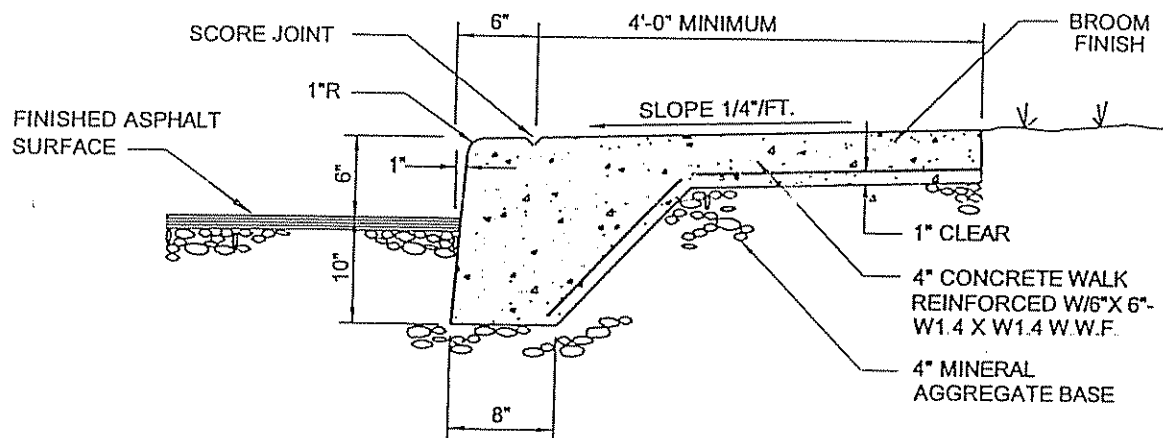
1. WHERE CONCRETE MEDIAN PAVEMENT IS POURED BEHIND EXTRUDED 8-INCH CONCRETE CURB, IT MAY BE POURED MONOLITHICALLY WITH THE CURB.
2. THE EXTRUDED 8-INCH CONCRETE CURB IS TO BE USED AS THE STANDARD FOR RESIDENTIAL STREETS AND ROADS.
3. WHERE CURB INLETS ARE REQUIRED, USE JOHN BOUCHARD & SONS CO. GRATE NOS. 3103 OR 3103-V, OR APPROVED & EQUAL.
4. MT. JULIET STANDARD FOR RESIDENTIAL STREETS, ADOPTED 07/17/2003.
5. RESIDENTIAL DRIVEWAYS: CURB TO BE CUT TO CONFORM TO STANDARD DRAWING NO. ST-313.

HIGH PROFILE EXTRUDED CURB

DRAWING NO. ST-203

SCALE: NONE

CITY OF MT. JULIET  
PUBLIC WORKS DEPARTMENT

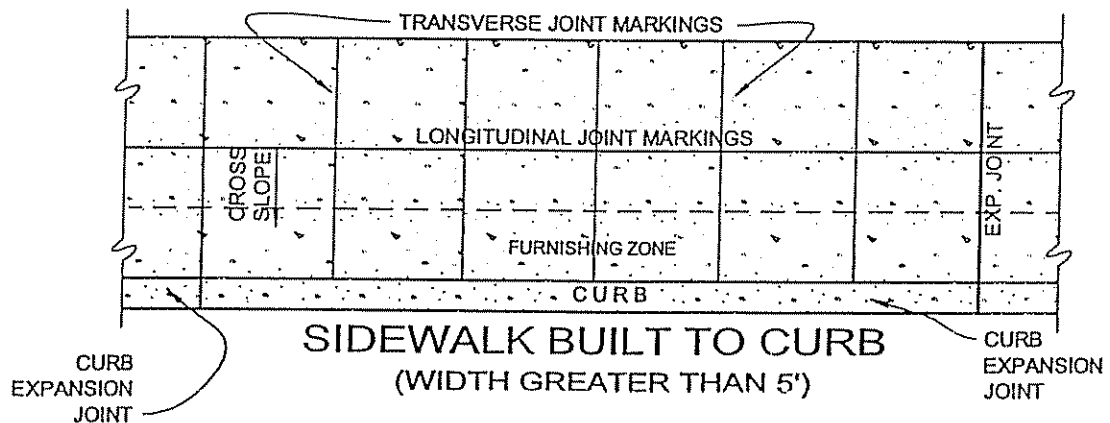
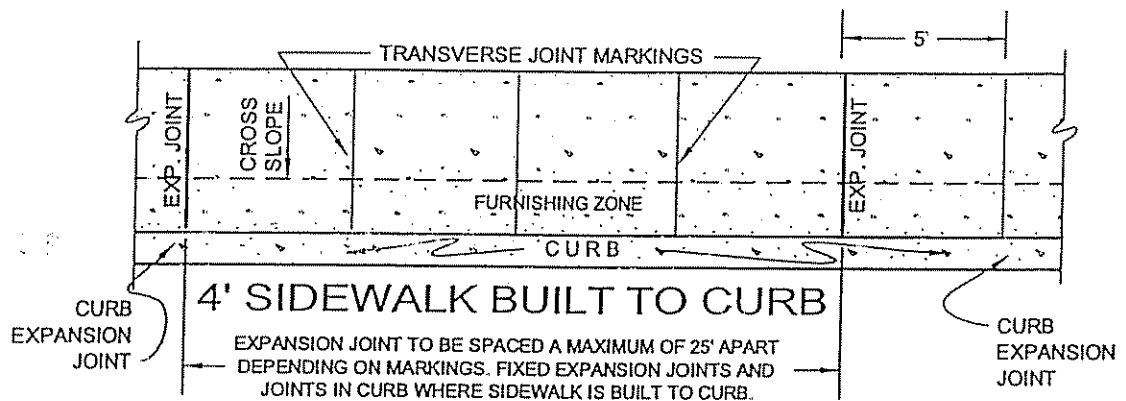
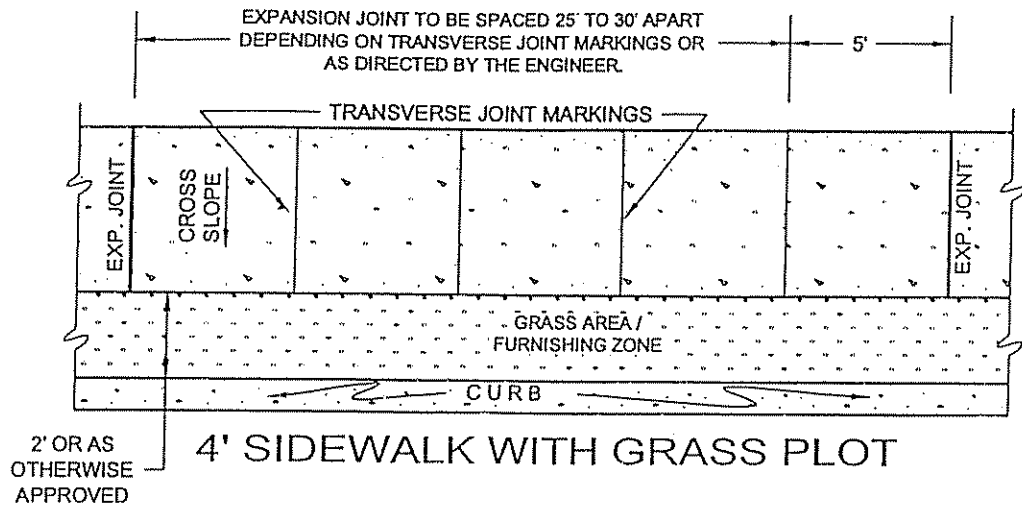


PROVIDE CONTROL JOINTS PER DETAIL ST-213 SPACED EVERY 5 FT. AND  
EXPANSION JOINTS PER DETAIL ST-213 EVERY 20 FT.

# CONCRETE SIDEWALK AND HAUNCHED CURB

DETAIL NO.: ST-204  
SCALE: NONE

CITY OF MT. JULIET  
PUBLIC WORKS DEPARTMENT



**GENERAL NOTES:**

1. SIDEWALKS SHALL BE A MINIMUM OF 4 INCHES IN THICKNESS AND MAINTAIN A MINIMUM OF 4 FEET CLEARANCE THROUGH THE PATH OF TRAVEL.
2. MAXIMUM CROSS SLOPE FOR SIDEWALKS SHALL NOT EXCEED 1:48 (VERTICAL:HORIZONTAL).
3. SIDEWALK SHALL BE CONSTRUCTED OF WHITE CONCRETE PER DEPARTMENT OF PUBLIC WORKS TECHNICAL SPECIFICATIONS.
4. WHERE A GRASS AREA IS NOT PROVIDED, A MAXIMUM OF 2 FEET FURNISHING ZONE IS REQUIRED, MAINTAINING A MINIMUM OF 4 FEET CLEARANCE THROUGH THE PATH OF TRAVEL.

**STANDARD CONCRETE SIDEWALK**

DRAWING NO.: ST-210

SCALE: NONE

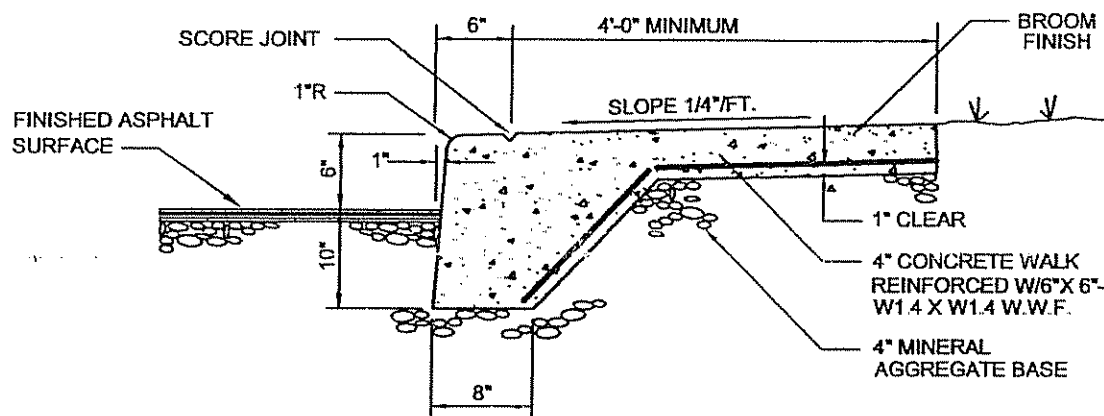
CITY OF MT. JULIET  
PUBLIC WORKS DEPARTMENT



## NOTES:

1. CURB RAMPS SHALL BE PROVIDED TO ALLOW ALL USERS TO MAKE THE TRANSITION IN GRADE FROM THE STREET TO THE SIDEWALK.
2. CURB RAMPS SHALL BE CONSTRUCTED TO THE DIMENSIONS AND FINISHED ELEVATIONS AS SPECIFIED IN THE PLANS AND/OR CONTRACT DOCUMENTS AND SHALL ALSO CONFORM TO THE REQUIREMENTS OF THE AMERICANS WITH DISABILITIES ACT. SURFACE TEXTURE OF THE CURB RAMP SHALL BE STABLE, FIRM, AND SLIP-RESISTANT. THE SURFACE SHALL BE COARSE-BROOMED FINISH TRANSVERSE TO THE SLOPE OF THE RAMP. CARE SHALL BE TAKEN TO ASSURE A UNIFORM GRADE ON THE CURB RAMP. LONGITUDINAL AND TRANSVERSE JOINT MARKINGS SHALL NOT BE ALLOWED ON THE LANDINGS OR RAMPS.
3. DRAINAGE AND UTILITY STRUCTURES SHALL NOT BE PLACED IN CURB RAMP OR LANDING.
4. THE GUTTER LINE PROFILE OF THE STREET SHALL BE MAINTAINED THROUGH THE AREA OF THE CURB RAMP.
5. THE FURNISHING ZONE BUFFERS PEDESTRIANS FROM THE ADJACENT ROADWAY AND IS ALSO AN AREA WHERE ELEMENTS SUCH AS MAIL BOXES, STREET TREES, SIGNAL POLES, UTILITY POLES, STREET LIGHTS, CONTROLLER BOXES, HYDRANTS, SIGNS, PARKING METERS, DRIVEWAY APRONS, GRATES, HATCH COVERS, AND STREET FURNITURE ARE PROPERLY LOCATED.

STANDARD CURB RAMP NOTES
DRAWING NO.: ST-211 SCALE: NONE
CITY OF MT. JULIET PUBLIC WORKS DEPARTMENT

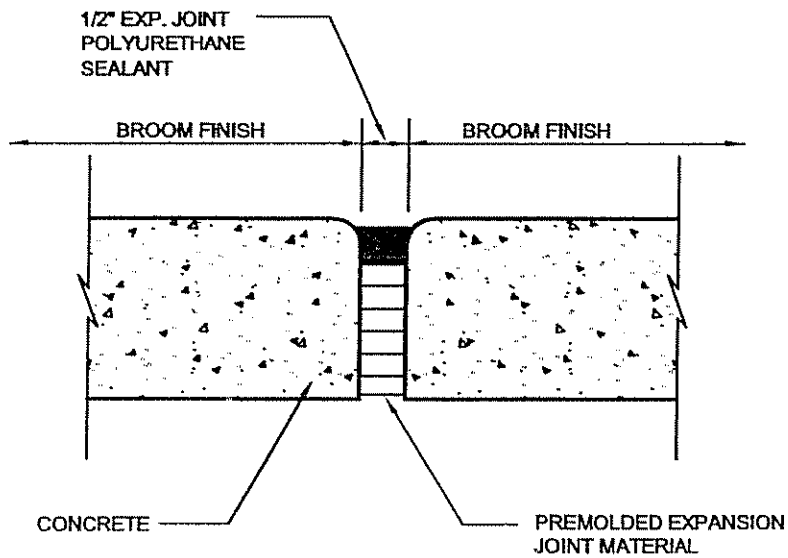


PROVIDE CONTROL JOINTS PER DETAIL ST-213 SPACED EVERY 5 FT. AND  
EXPANSION JOINTS PER DETAIL ST-213 EVERY 20 FT.

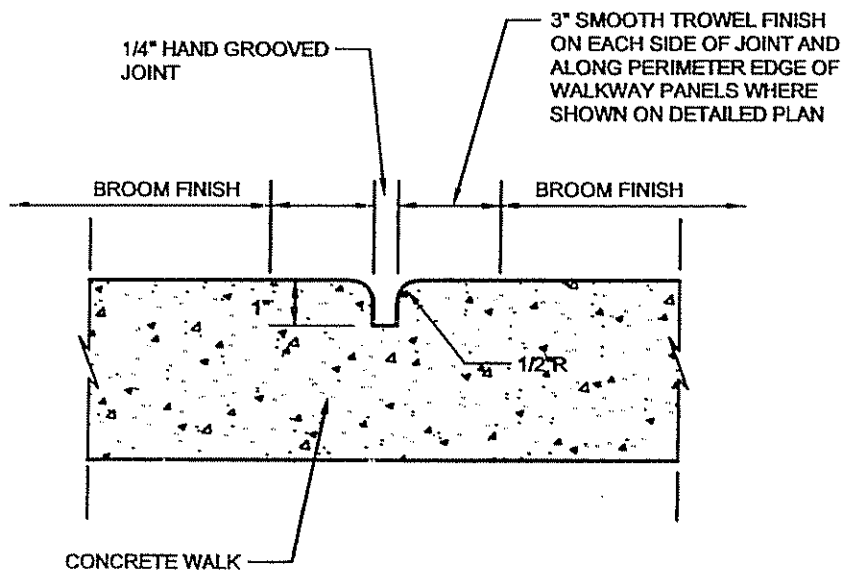
HAUNCHED CURB AND  
CONCRETE SIDEWALK (RES.)

DETAIL NO.: ST-212  
SCALE: NONE

CITY OF MT. JULIET  
PUBLIC WORKS DEPARTMENT

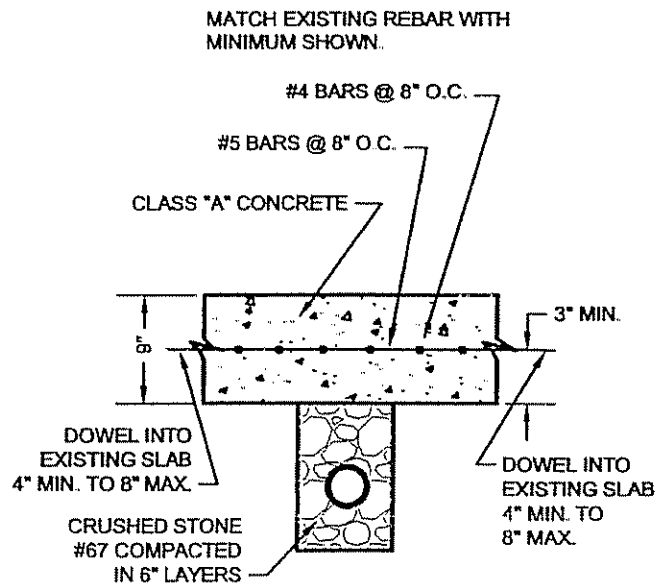


EXPANSION JOINT

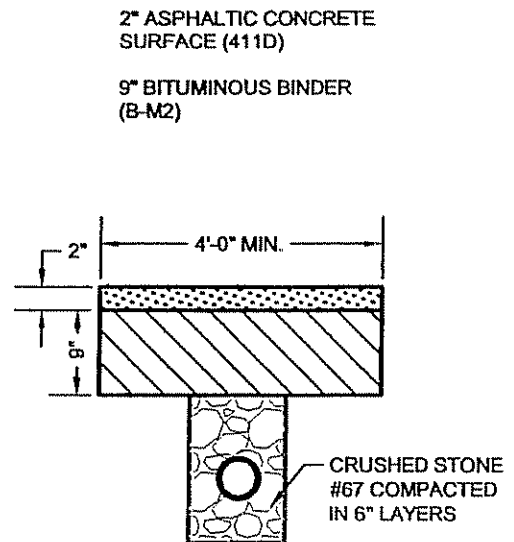


CONTROL JOINT

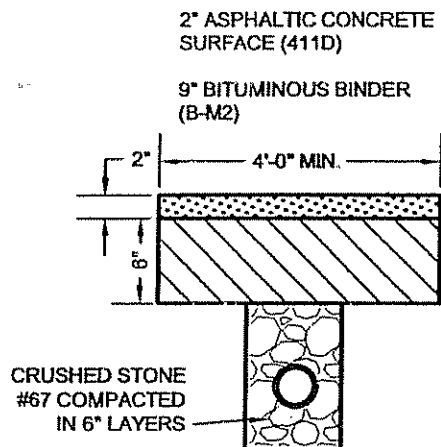
EXPANSION JOINT CONTROL JOINT
DETAIL NO.: ST-213 SCALE: NONE
CITY OF MT. JULIET PUBLIC WORKS DEPARTMENT



**CONCRETE PAVEMENT**



**ASPHALTIC SURFACE  
(CROSSING CUTS)**



**ASPHALTIC SURFACE  
(PARALLEL CUTS)**

### GENERAL NOTES:

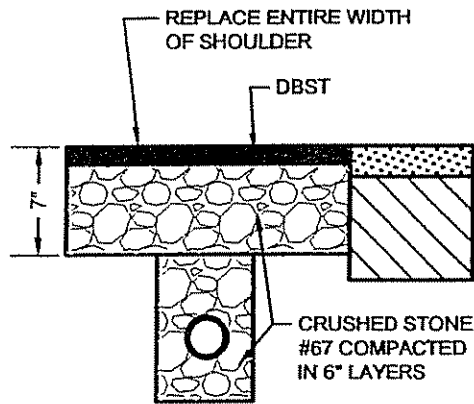
1. ALL WORK SHALL BE FIELD CHECKED AND APPROVED BY THE PUBLIC WORKS DEPARTMENT PRIOR TO ITS BEGINNING AND AFTER COMPLETION THEREOF.
2. INSPECTION PERSONNEL OF THE DEPARTMENT SHALL BE NOTIFIED AT LEAST TWO (2) DAYS PRIOR TO COMMENCING WORK.
3. THE WORK PERFORMED SHALL BE FREE FROM WORKMANSHIP DEFECTS FOR A PERIOD OF ONE (1) YEAR AFTER COMPLETION.
4. EXISTING PAVEMENTS, BASES, CURBS & GUTTERS AND SIDEWALKS SHALL BE CUT AND BROUGHT TO A NEAT LINE BY USE OF AN AIR HAMMER, SAW OR OTHER SUITABLE EQUIPMENT. EXPANSION JOINTS REMOVED SHALL BE REPLACED.
5. THE MINIMUM WIDTH TO BE TRIMMED ON EACH SIDE OF THE TRENCH LINE, AS SEEN IN THE SECTION, MAY BE WAIVED OR AMENDED UPON APPROVAL OF THE INSPECTOR; HOWEVER, A MINIMUM WIDTH OF REPLACEMENT SHALL BE 4'-0" TO ALLOW FOR PROPER COMPACTION.

6. IF PERMANENT PAVEMENT REPAIRS CANNOT BE MADE WITHIN THREE (3) DAYS, THEN TEMPORARY REPLACEMENT SHALL BE MADE WITH 2" COLD MIX OR HOT BITUMINOUS SEAL COAT OVER COMPACTED CRUSHED STONE.
7. ALL EXCAVATIONS MADE WITHIN PUBLIC RIGHT-OF-WAY REQUIRE EXCAVATIONS AND STREET CLOSURE PERMITS FROM THE PUBLIC WORKS DEPARTMENT PRIOR TO COMMENCING WORK.
8. FLOWABLE FILL SHALL MEET THE REQUIREMENTS IN TENNESSEE DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS SECTION 204.

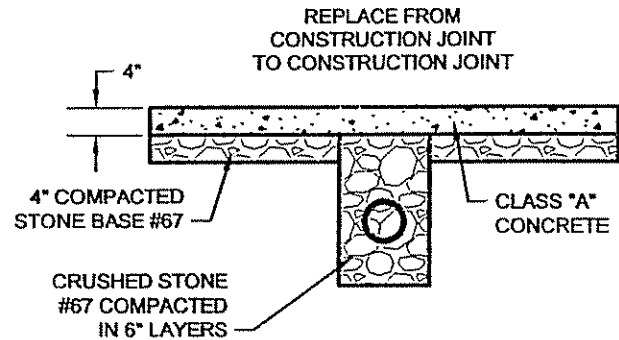
### TRENCH REPAIR WITHIN ROADWAY

DETAIL NO.: ST-270  
SCALE: NONE

CITY OF MT. JULIET  
PUBLIC WORKS DEPARTMENT



**SHOULDER  
REPLACEMENT**



**SIDEWALK  
REPLACEMENT**

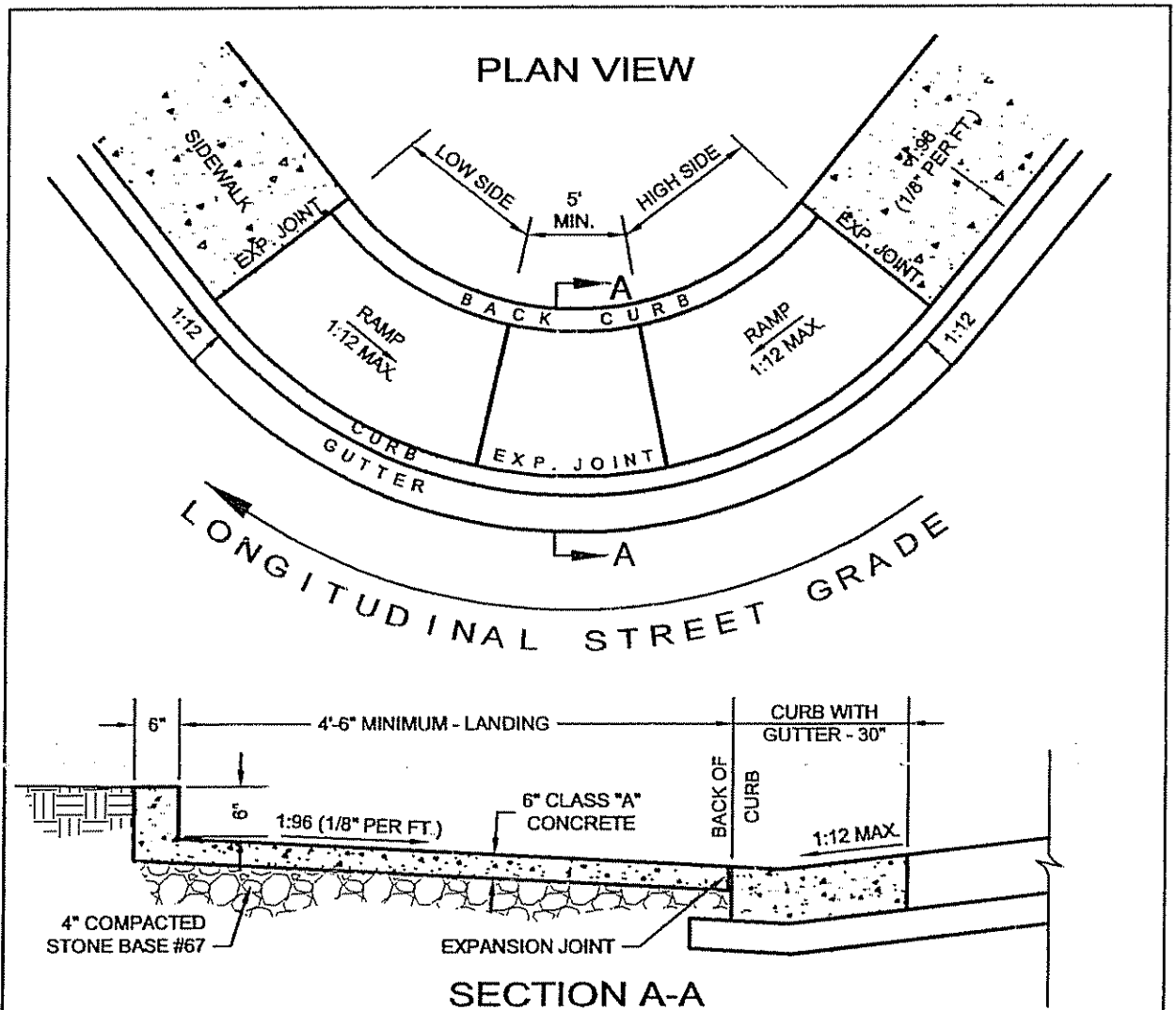
### GENERAL NOTES:

1. ALL WORK SHALL BE FIELD CHECKED AND APPROVED BY THE PUBLIC WORKS DEPARTMENT PRIOR TO ITS BEGINNING AND AFTER COMPLETION THEREOF.
2. INSPECTION PERSONNEL OF THE DEPARTMENT SHALL BE NOTIFIED AT LEAST TWO (2) DAYS PRIOR TO COMMENCING WORK.
3. THE WORK PERFORMED SHALL BE FREE FROM WORKMANSHIP DEFECTS FOR A PERIOD OF ONE (1) YEAR AFTER COMPLETION.
4. EXISTING PAVEMENTS, BASES, CURBS & GUTTERS, AND SIDEWALKS SHALL BE CUT AND BROUGHT TO A NEAT LINE BY USE OF AN AIR HAMMER, SAW, OR OTHER SUITABLE EQUIPMENT. EXPANSION JOINTS REMOVED SHALL BE REPLACED.
5. THE MINIMUM WIDTH TO BE TRIMMED ON EACH SIDE OF THE TRENCH LINE AS SEEN IN THE SECTION MAY BE WAIVED OR AMENDED UPON APPROVAL OF THE INSPECTOR; HOWEVER, A MINIMUM WIDTH OF REPLACEMENT SHALL BE 4'-0" TO ALLOW FOR PROPER COMPACTION.
6. IF PERMANENT PAVEMENT REPAIRS CANNOT BE MADE WITHIN THREE (3) DAYS, THEN TEMPORARY REPLACEMENT SHALL BE MADE WITH 2" COLD MIX OR HOT BITUMINOUS SEAL COAT OVER COMPACTED CRUSHED STONE.
7. ALL EXCAVATIONS MADE WITHIN PUBLIC RIGHT-OF-WAY REQUIRE EXCAVATIONS AND STREET CLOSURE PERMITS FROM THE PUBLIC WORKS DEPARTMENT PRIOR TO COMMENCING WORK.

### TRENCH REPAIR OUTSIDE ROADWAY

DETAIL NO.: ST-271  
SCALE: NONE

CITY OF MT. JULIET  
PUBLIC WORKS DEPARTMENT



**GENERAL NOTES:**

1. LANDING SHALL BE FLUSH WITH THE GUTTER OR EDGE OF PAVEMENT.
2. CROSS-SLOPE OF LANDING AND OF SIDEWALK SHALL NOT EXCEED 1:48 (VERTICAL:HORIZONTAL).
3. SURFACE TEXTURE OF THE CURB RAMP SHALL BE STABLE, FIRM, AND SLIP-RESISTANT. THE SURFACE SHALL BE COARSE-BROOMED FINISH TRANSVERSE TO THE SLOPE OF THE RAMP.
4. BACK CURB HEIGHT ALONG RAMPS SHALL TRANSITION FROM ZERO (0) INCHES AT EXPANSION JOINTS TO SIX (6) INCHES AT LANDING AND SHALL BE A CONSTANT HEIGHT OF SIX (6) INCHES THROUGH LANDING. CROSS-SLOPE (BACK TO FRONT) OF TOP OF BACK CURB SHALL BE THE SAME AS SIDEWALK CROSS-SLOPE.
5. HIGH SIDE AND LOW SIDE RAMPS SHALL HAVE A MAXIMUM SLOPE OF 1:12 (VERTICAL:HORIZONTAL) AND SHALL NOT BE REQUIRED TO EXCEED EIGHT (8) FEET (96 INCHES) IN LENGTH.

PARALLEL CURB RAMP

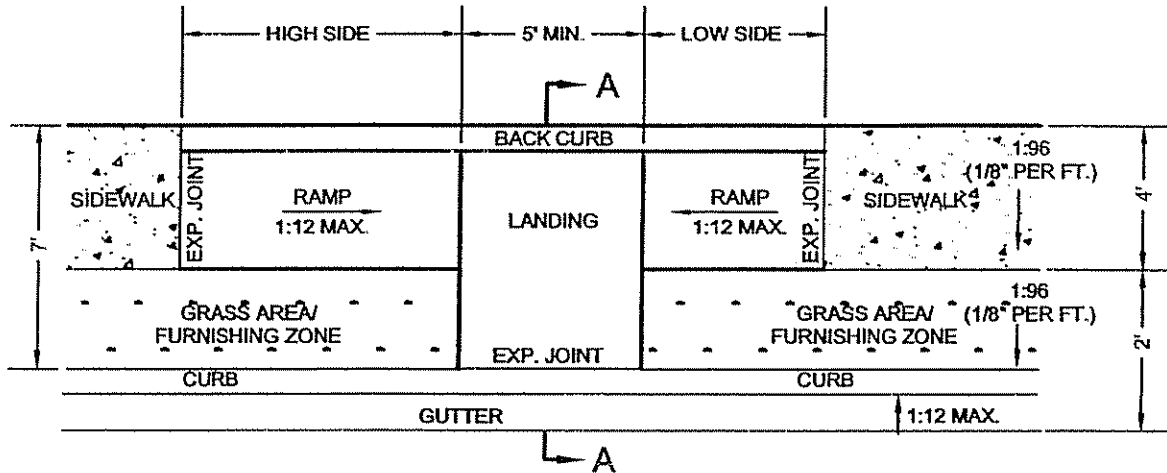
DRAWING NO. ST-304

SCALE: NONE

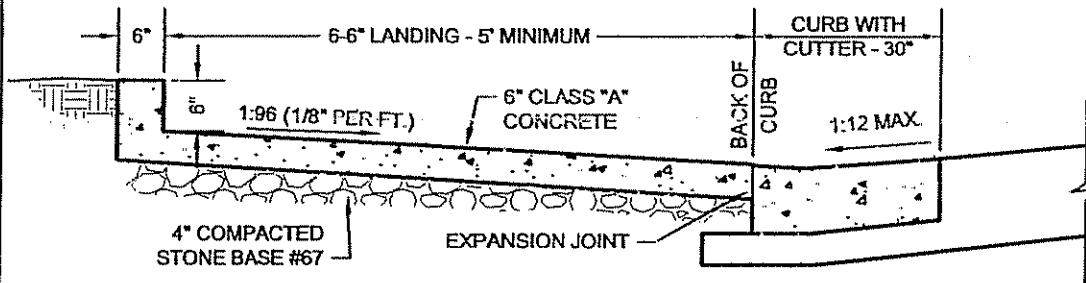
CITY OF MT. JULIET

PUBLIC WORKS DEPARTMENT

## PLAN VIEW



## LONGITUDINAL STREET GRADE



## SECTION A-A

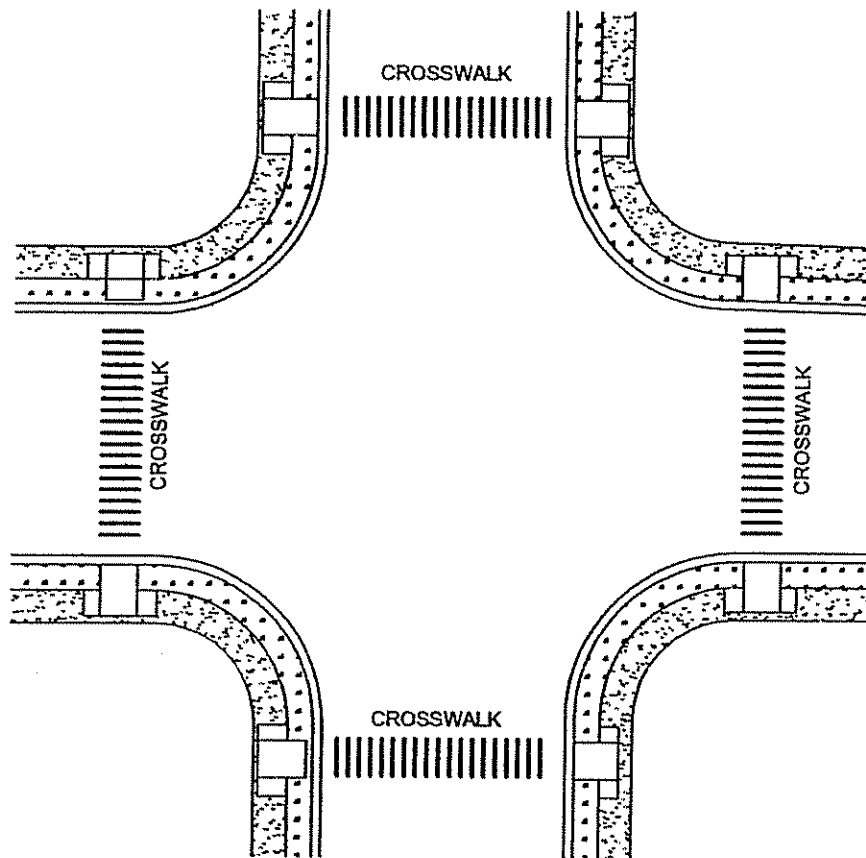
### GENERAL NOTES:

1. LANDING SHALL BE FLUSH WITH THE GUTTER OR EDGE OF PAVEMENT.
2. CROSS-SLOPE OF LANDING AND OF SIDEWALK SHALL NOT EXCEED 1:48 (VERTICAL:HORIZONTAL).
3. SURFACE TEXTURE OF THE CURB RAMP SHALL BE STABLE, FIRM, AND SLIP-RESISTANT. THE SURFACE SHALL BE COARSE-BROOMED FINISH TRANSVERSE TO THE SLOPE OF THE RAMP.
4. BACK CURB HEIGHT ALONG RAMPS SHALL TRANSITION FROM 0 INCHES AT EXPANSION JOINTS TO 6 INCHES AT LANDING AND SHALL BE A CONSTANT HEIGHT OF 6 INCHES THROUGH LANDING. CROSS-SLOPE (BACK TO FRONT) OF TOP OF BACK CURB SHALL BE THE SAME AS SIDEWALK CROSS-SLOPE.
5. HIGH SIDE AND LOW SIDE RAMPS SHALL HAVE A MAXIMUM SLOPE OF 1:12 (VERTICAL:HORIZONTAL) AND SHALL NOT BE REQUIRED TO EXCEED 8 FEET (96 INCHES) IN LENGTH.

PARALLEL CURB RAMP  
WITH A DROP LANDING  
2' GRASS STRIP

DETAIL: ST-305  
SCALE: NONE

CITY OF MT. JULIET  
PUBLIC WORKS DEPARTMENT



#### GENERAL NOTES:

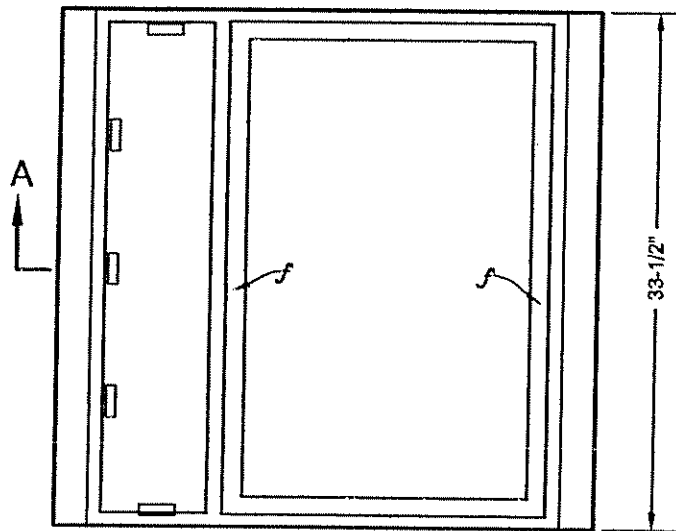
1. SEE CURB RAMP STANDARD DRAWINGS FOR CONSTRUCTION DETAILS.
2. CURB RAMPS AT MARKED CROSSINGS SHALL BE WHOLLY CONTAINED WITHIN THE MARKINGS.
3. ALL MARKINGS TO CONFORM TO MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES.

#### CURB RAMPS AT MARKED CROSSINGS

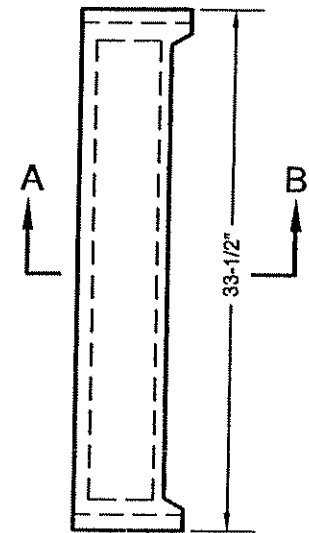
DETAIL NO.: ST-306  
SCALE: NONE

CITY OF MT. JULIET  
PUBLIC WORKS DEPARTMENT

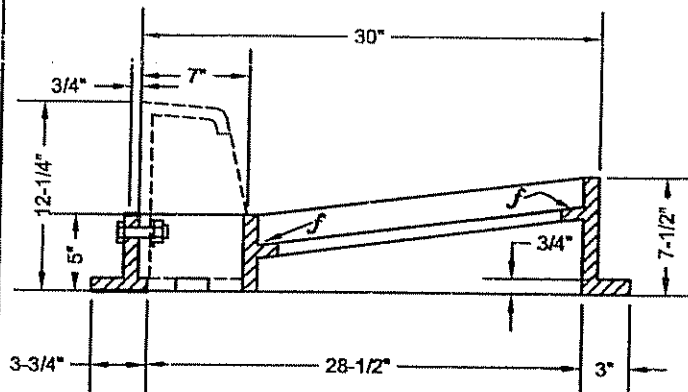




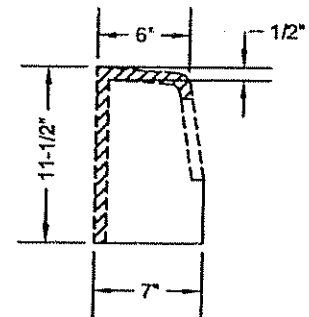
TOP VIEW



TOP VIEW



SECTION A-A



SECTION B-B

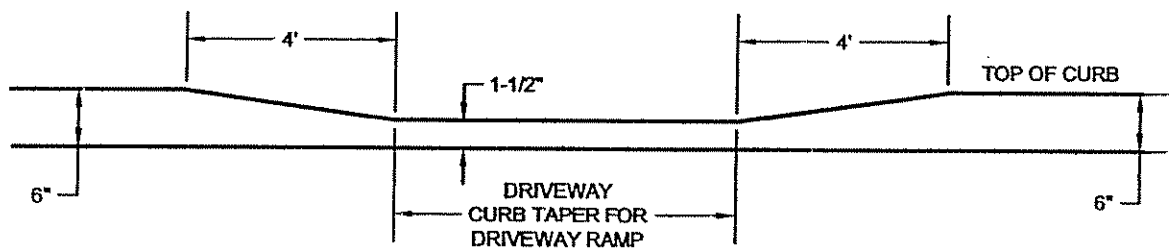
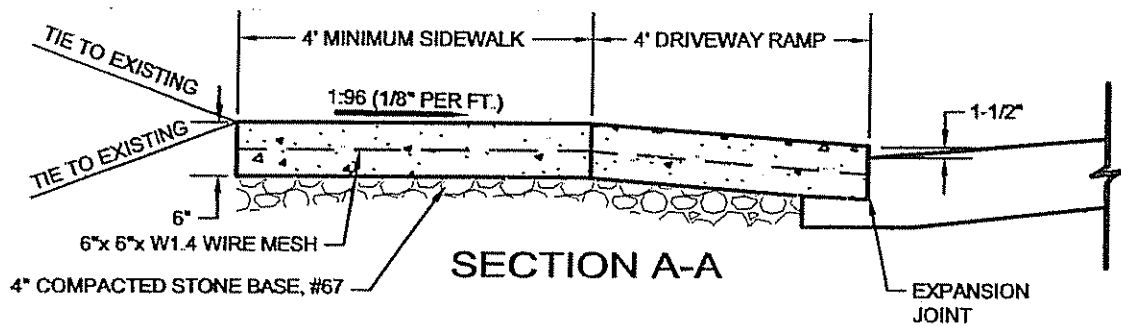
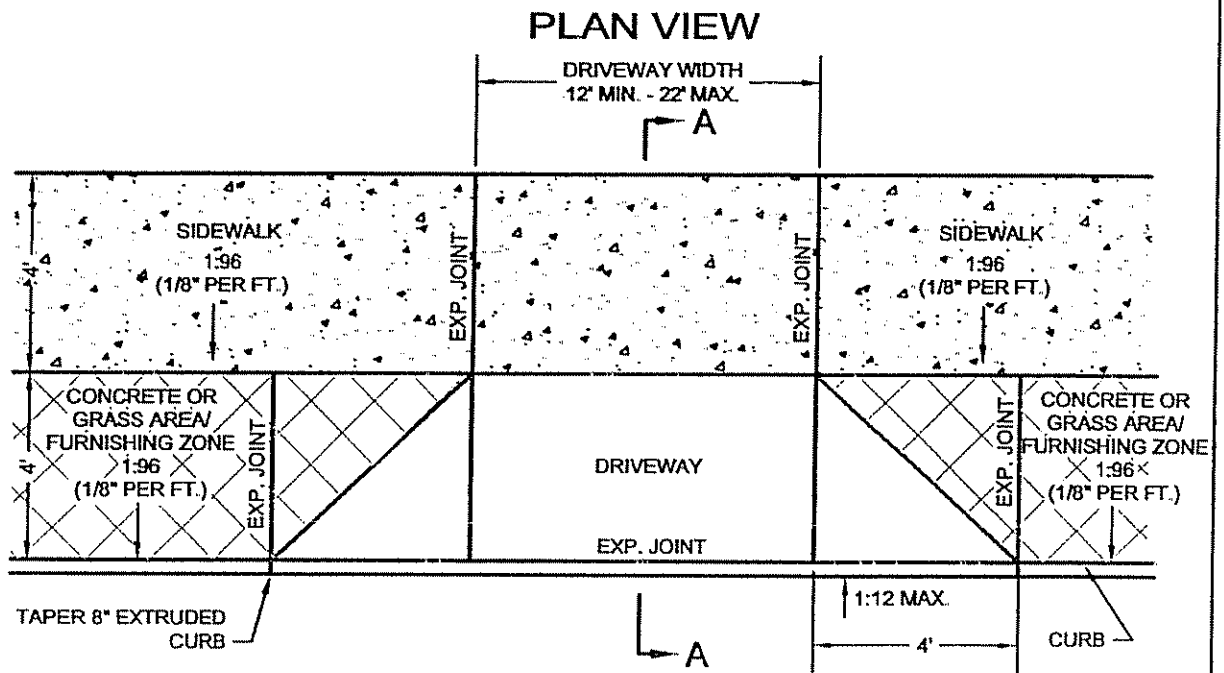
NOTES:

1. CONTACT SURFACES OF FRAME MARKED √ ARE TO BE GROUND.
2. FRAME TO BE SIZED FOR MOUNTING EITHER VANE OR SUMP TYPE GRATE.
3. CASTINGS TO BE CLEANED AND PAINTED WITH BITUMINOUS COATING.

FRAME AND GRATE FOR  
VERTICAL CURB & GUTTER

DETAIL NO.: ST-307  
SCALE: NONE

CITY OF MT. JULIET  
PUBLIC WORKS DEPARTMENT



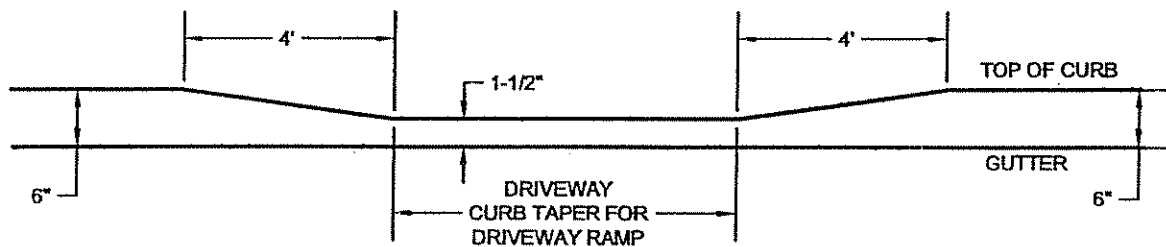
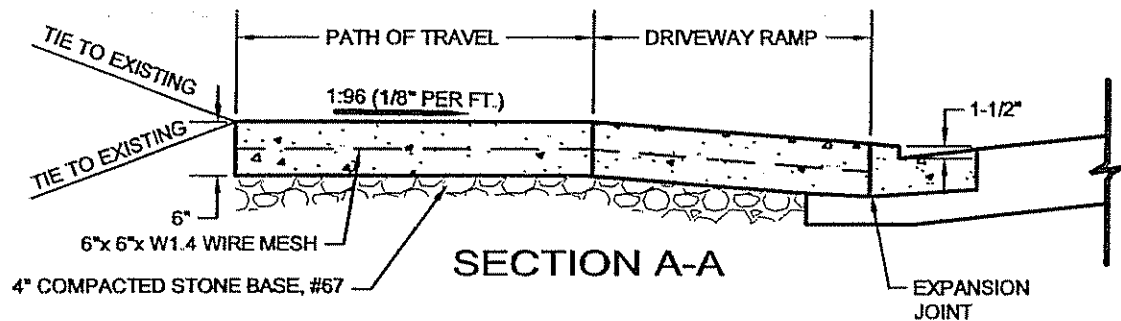
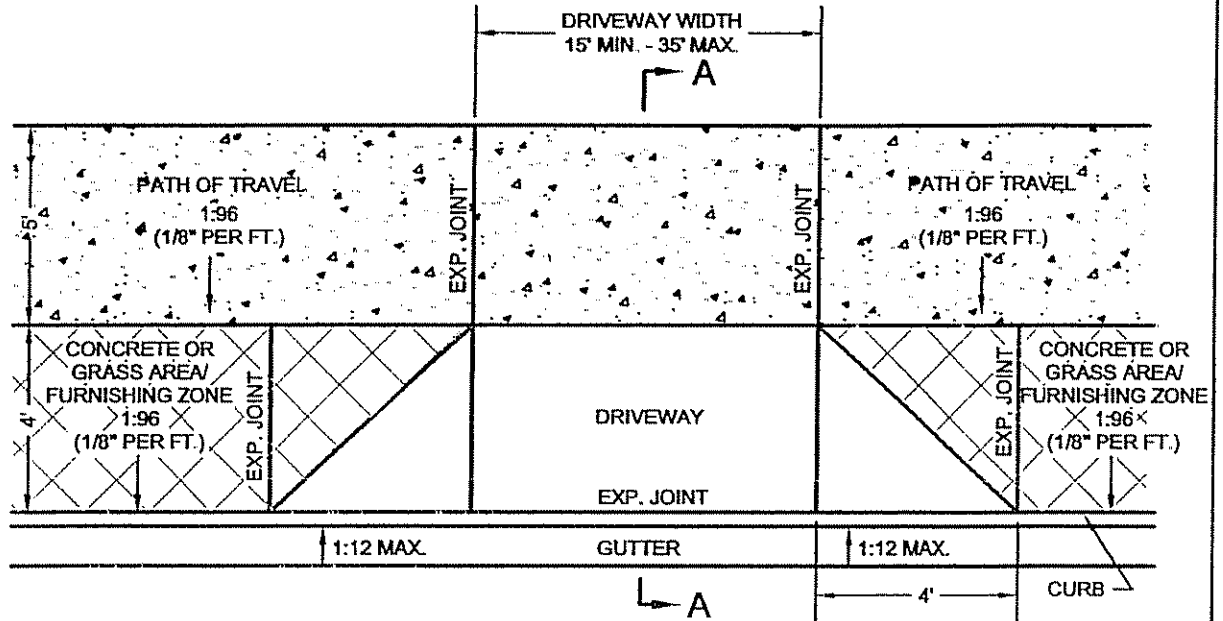
NOTE: CROSS-SLOPE OF SIDEWALK SHALL NOT EXCEED 1:48 (VERTICAL:HORIZONTAL).

**RESIDENTIAL CONCRETE  
DRIVEWAY RAMP**

DETAIL NO.: ST-313  
SCALE: NONE

CITY OF MT. JULIET  
PUBLIC WORKS DEPARTMENT

# PLAN VIEW



NOTE: CROSS-SLOPE OF SIDEWALK SHALL NOT EXCEED 1:48 (VERTICAL:HORIZONTAL).

COMMERCIAL CONCRETE  
DRIVEWAY RAMP

DETAIL NO.: ST-314  
SCALE: NONE

CITY OF MT. JULIET  
PUBLIC WORKS DEPARTMENT